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Asslam-o-Alaikum! In this file we'll provide you MTH601 Important Final term MCQs. Must Prepare Before Final term Exams. These MCQS are not verified. Verify Answers yourself too. If you found mistake then inform me.

If you found mistake then let us know.

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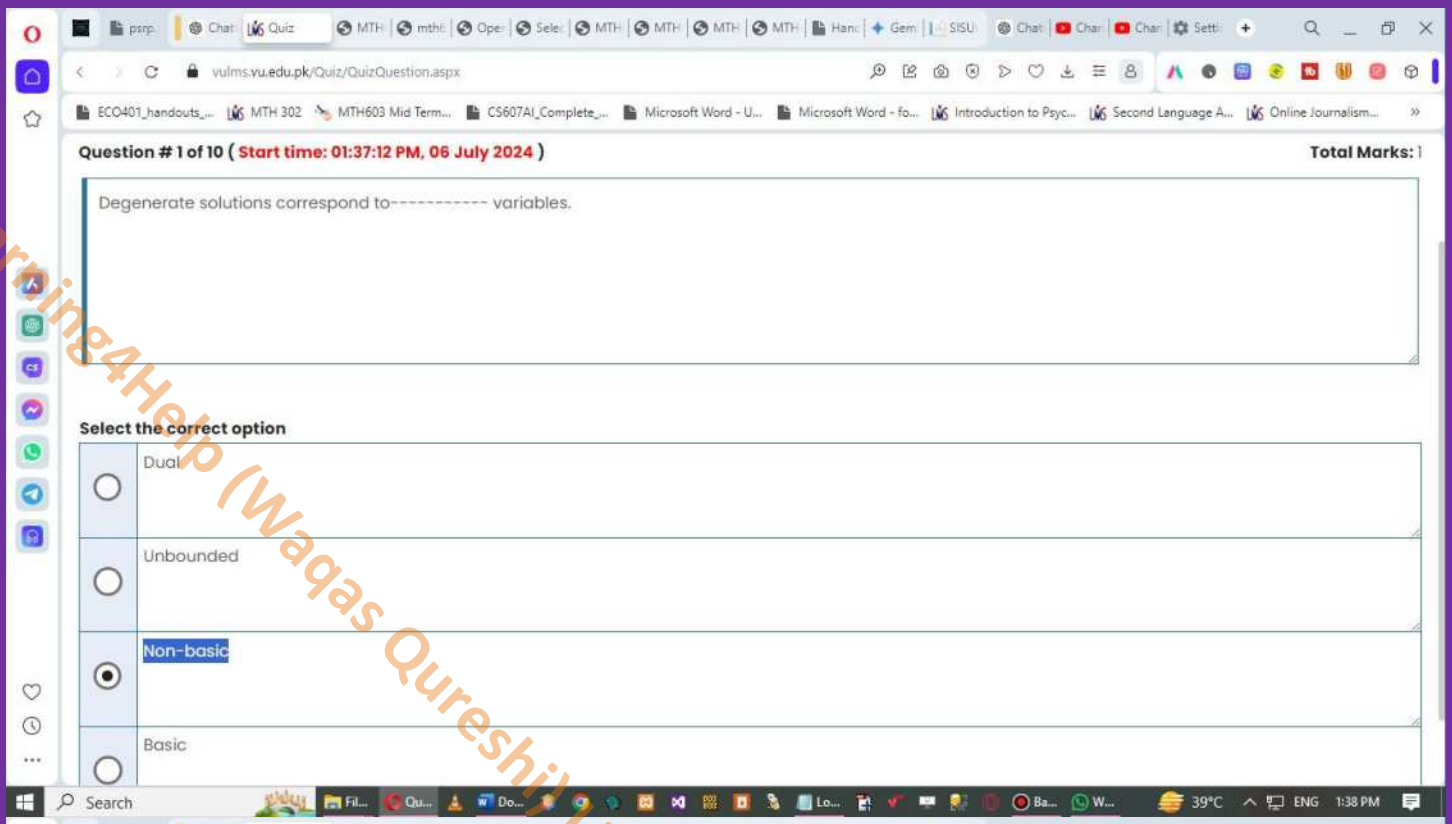

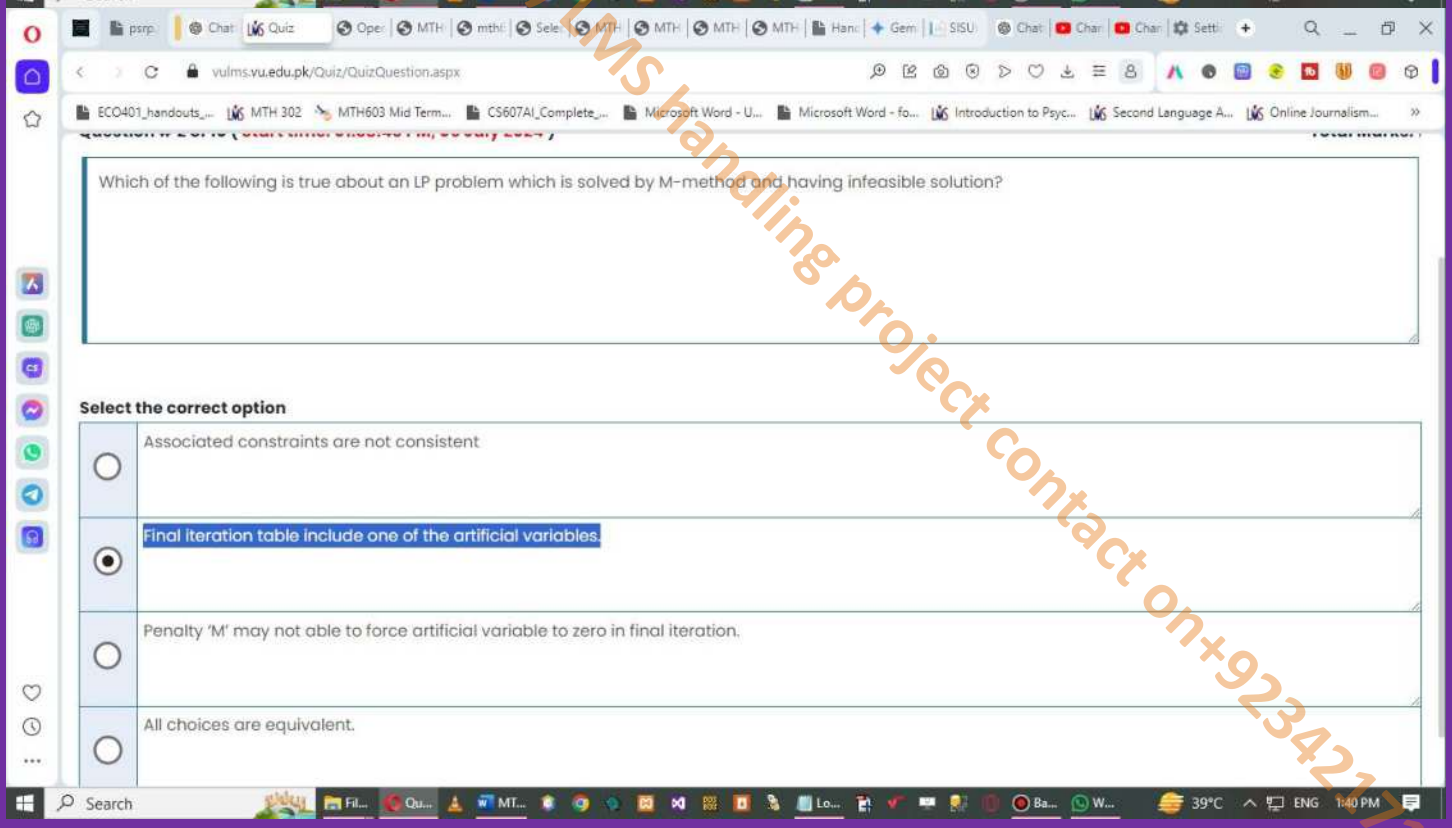

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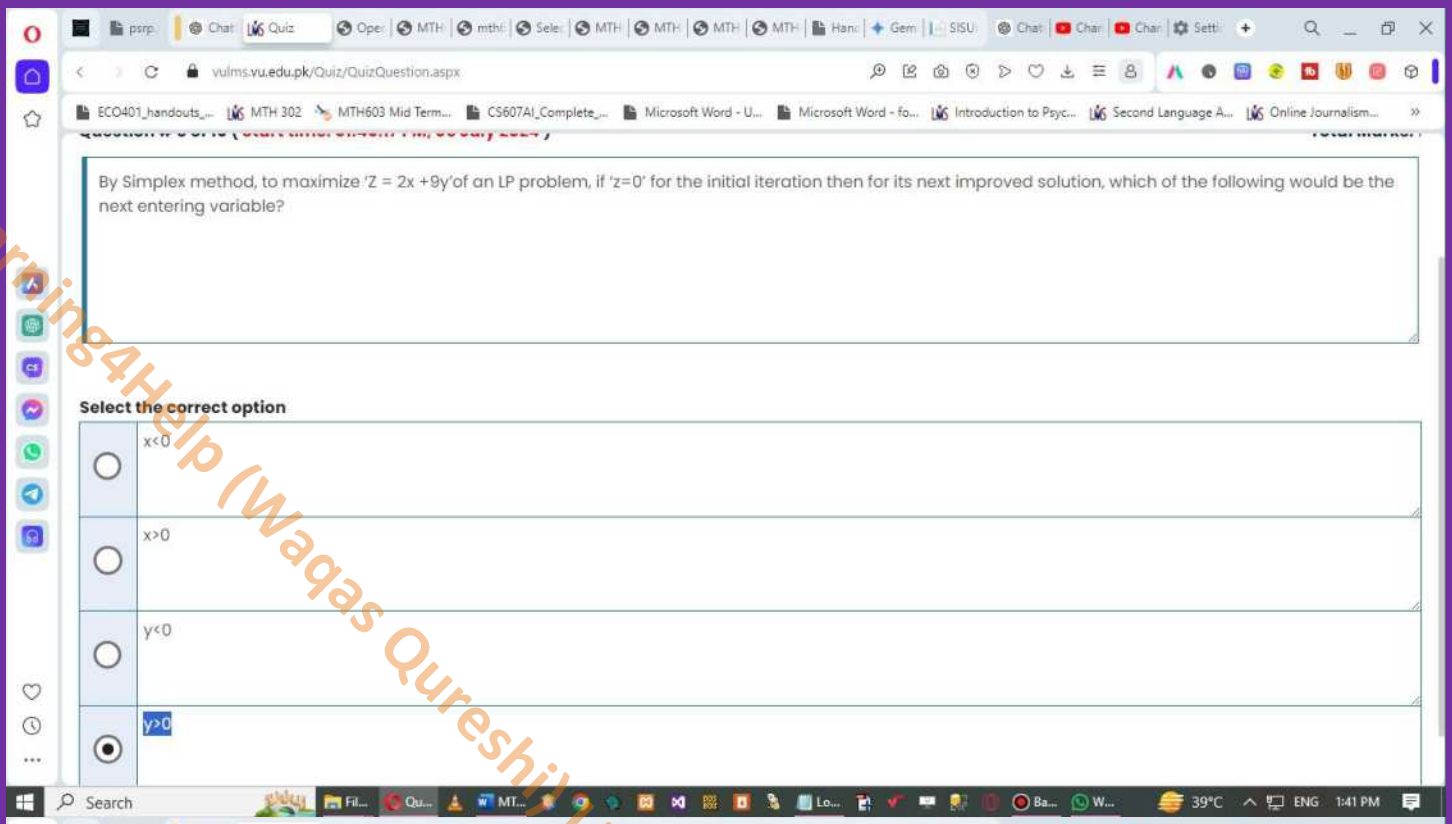

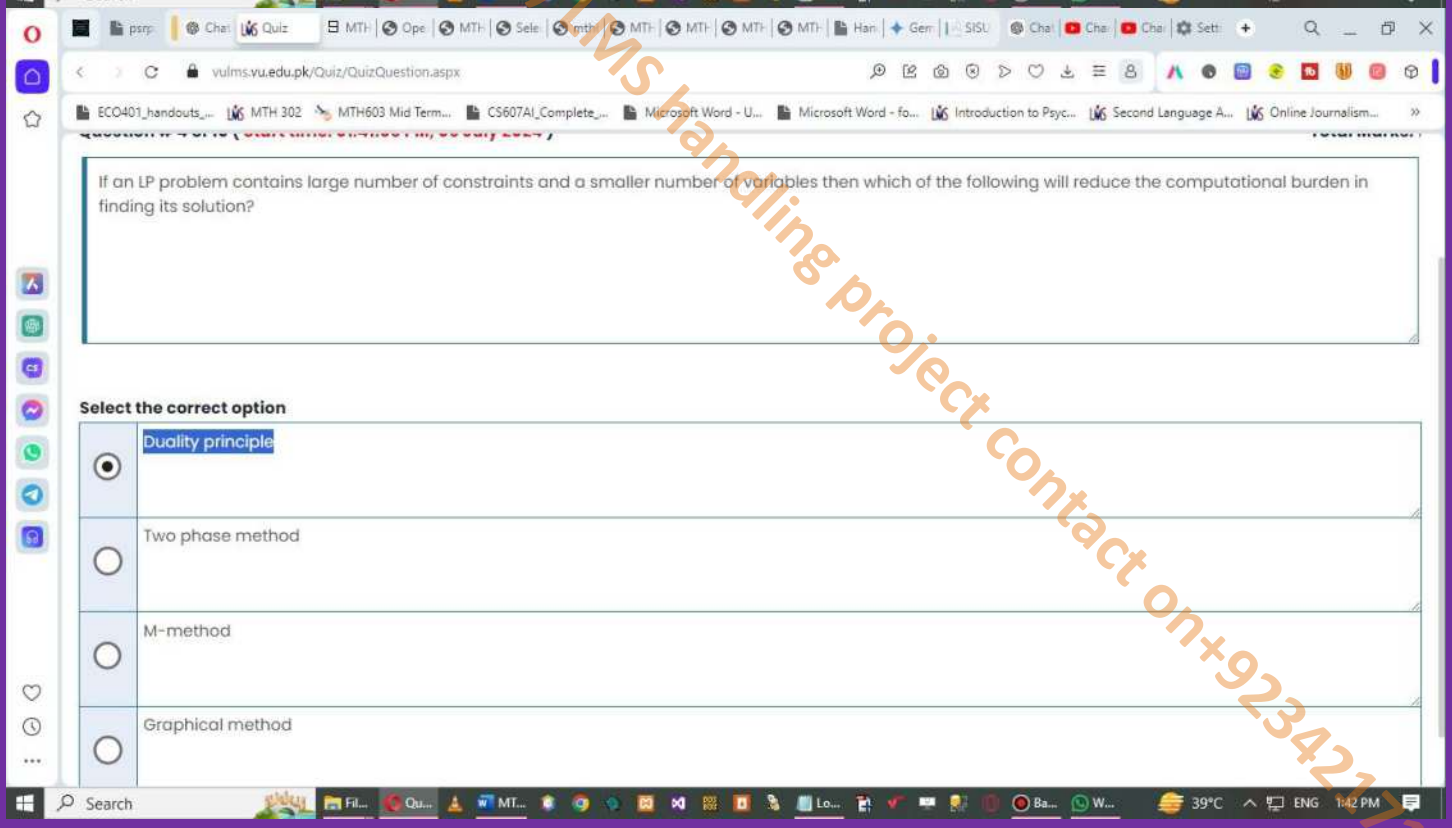

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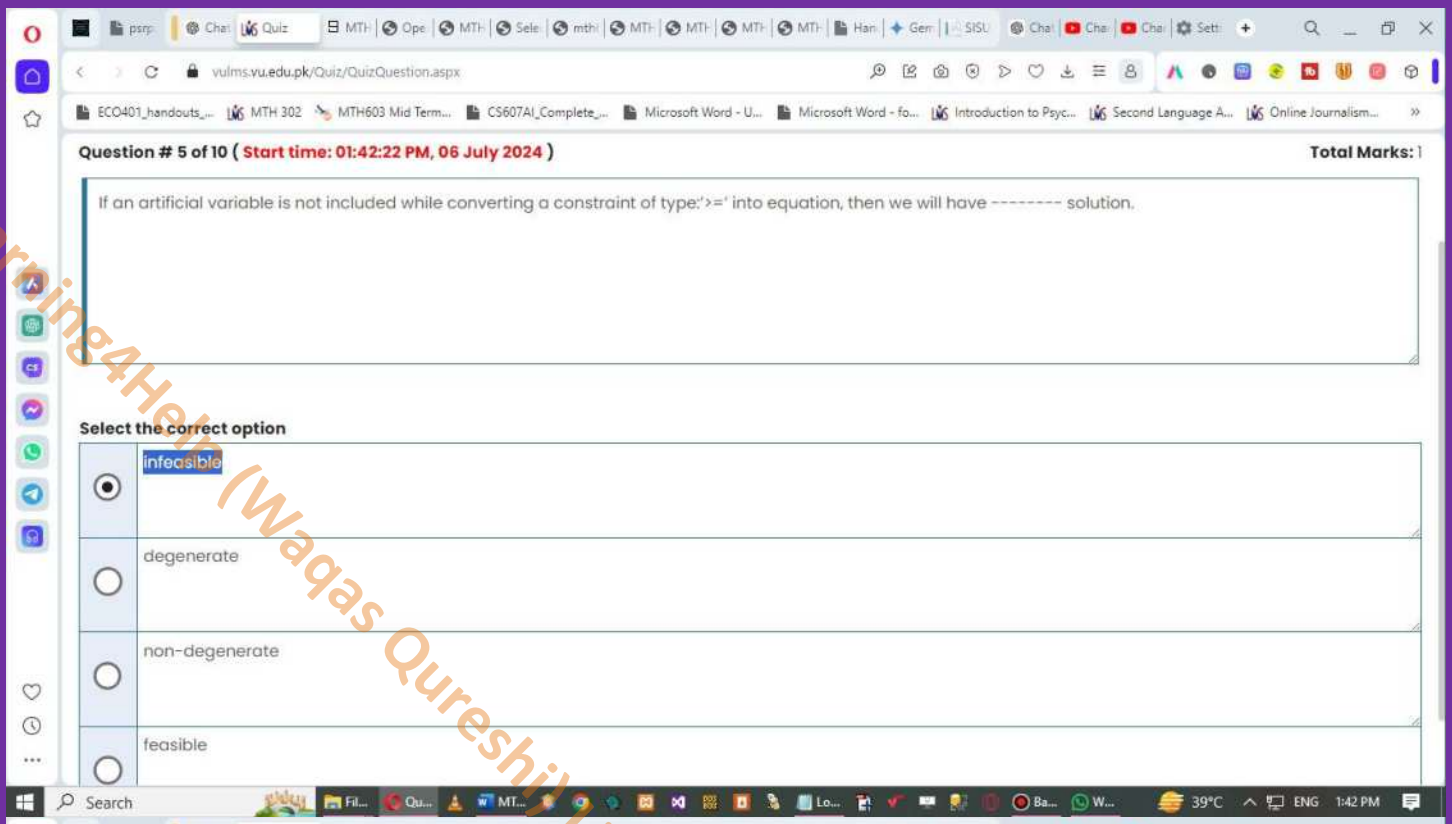

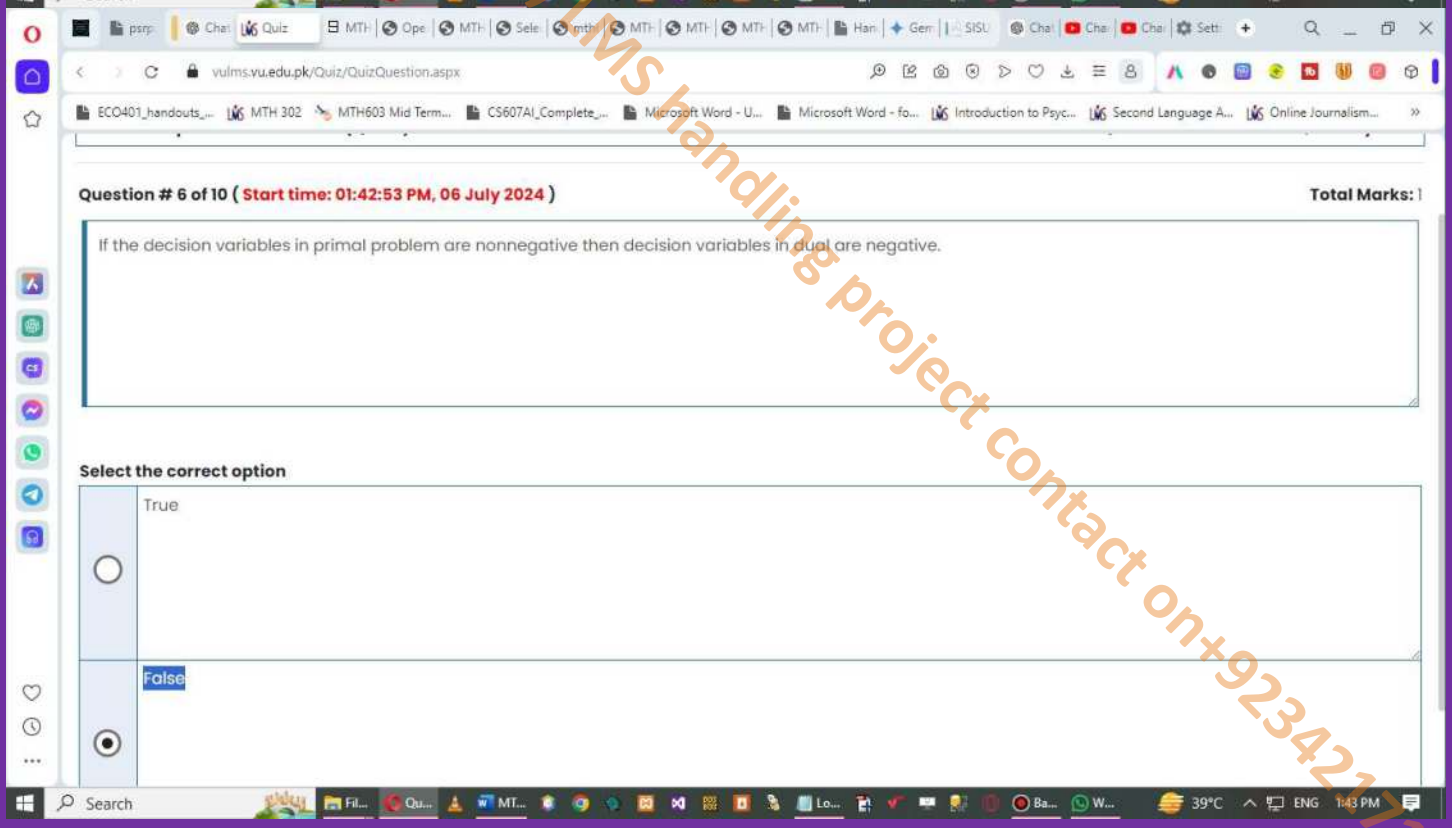

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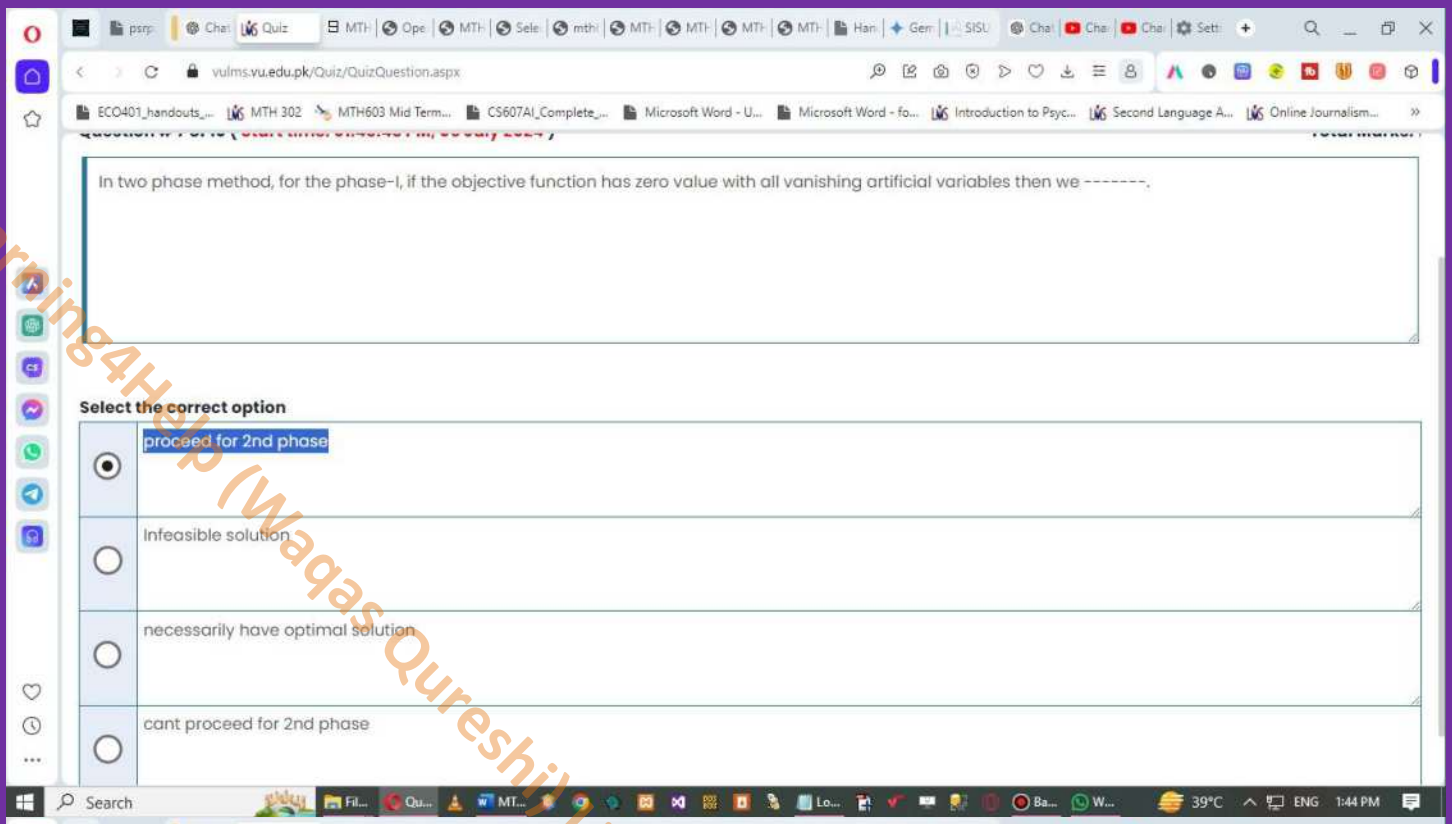

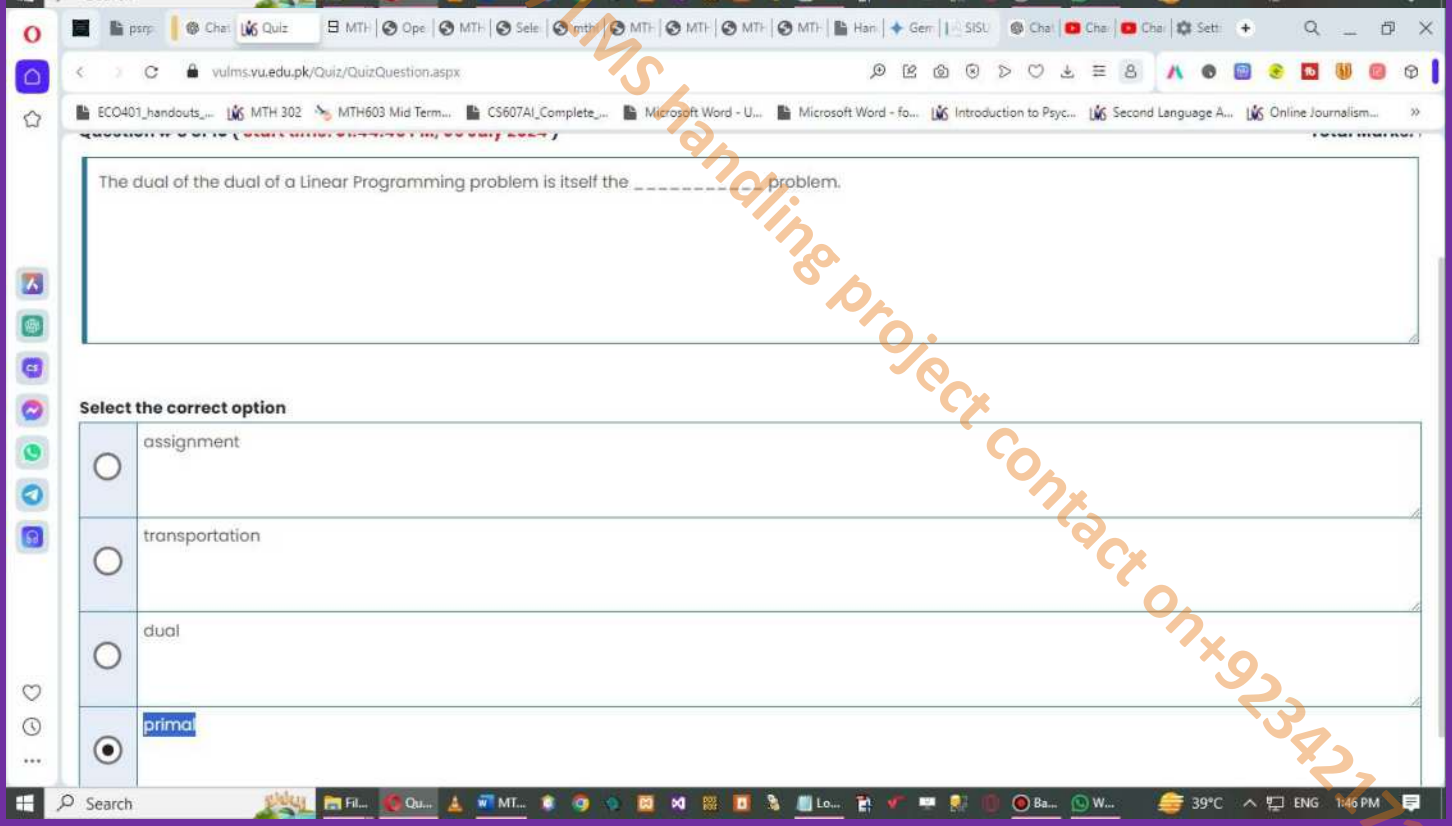

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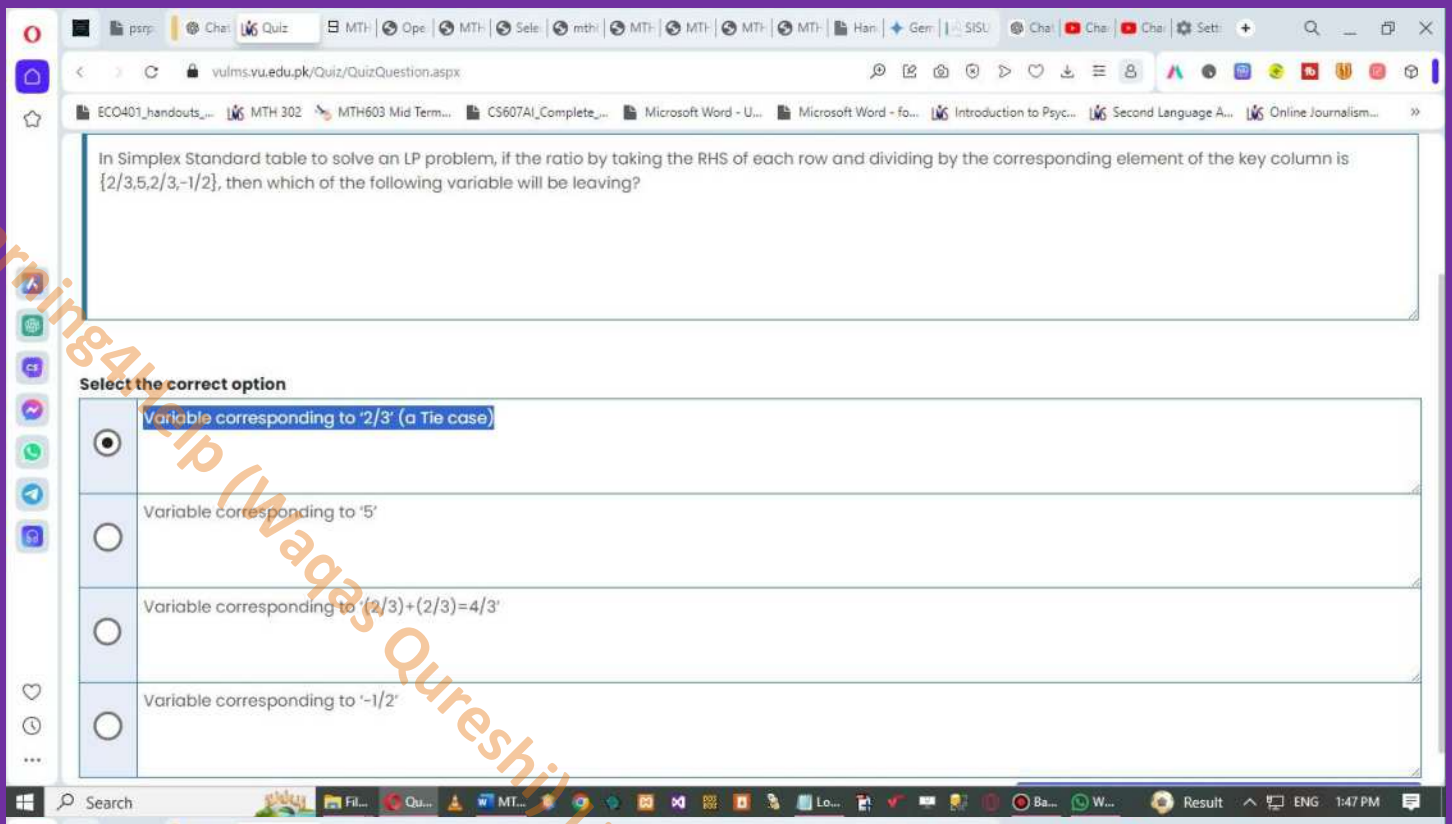

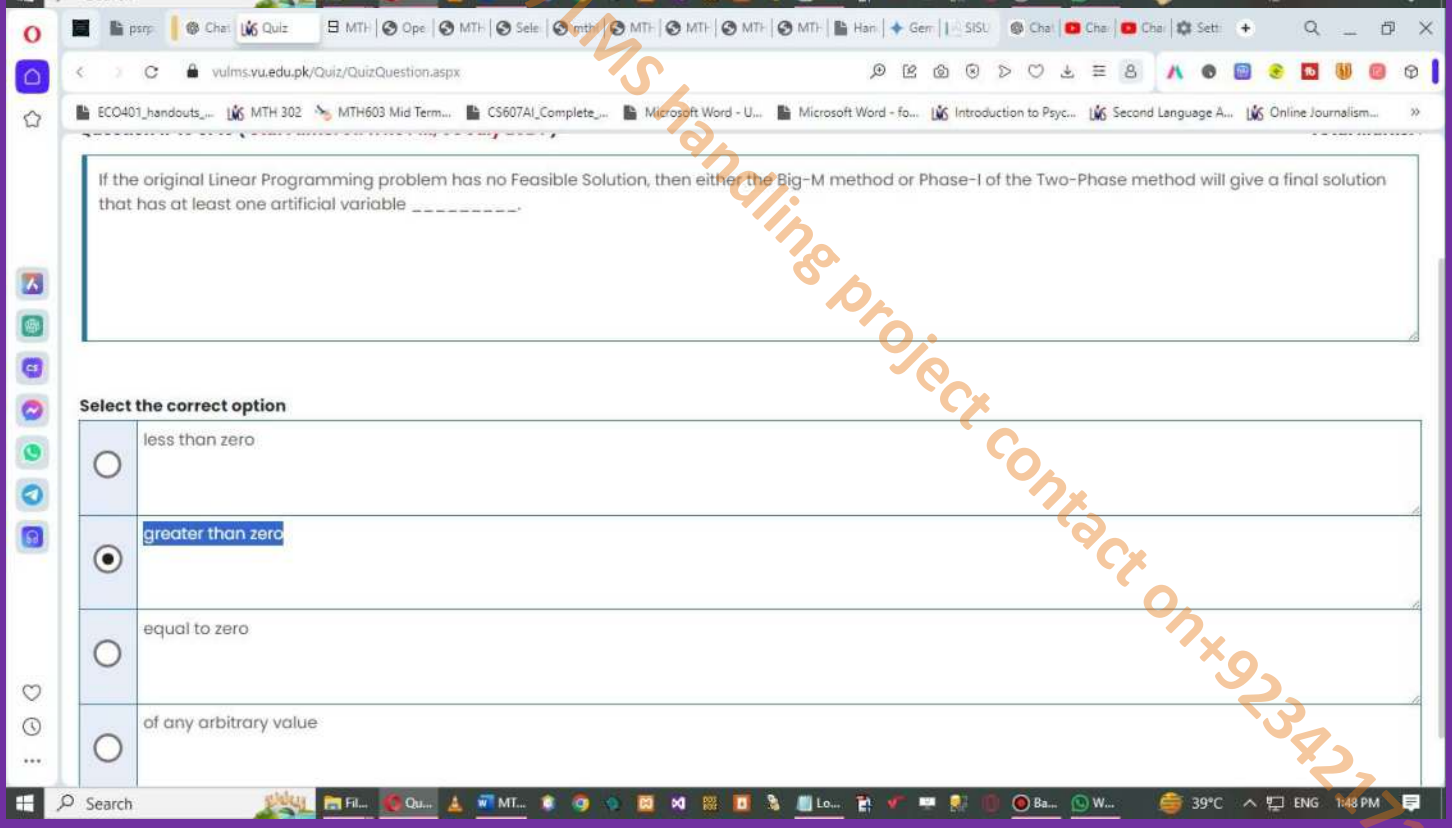

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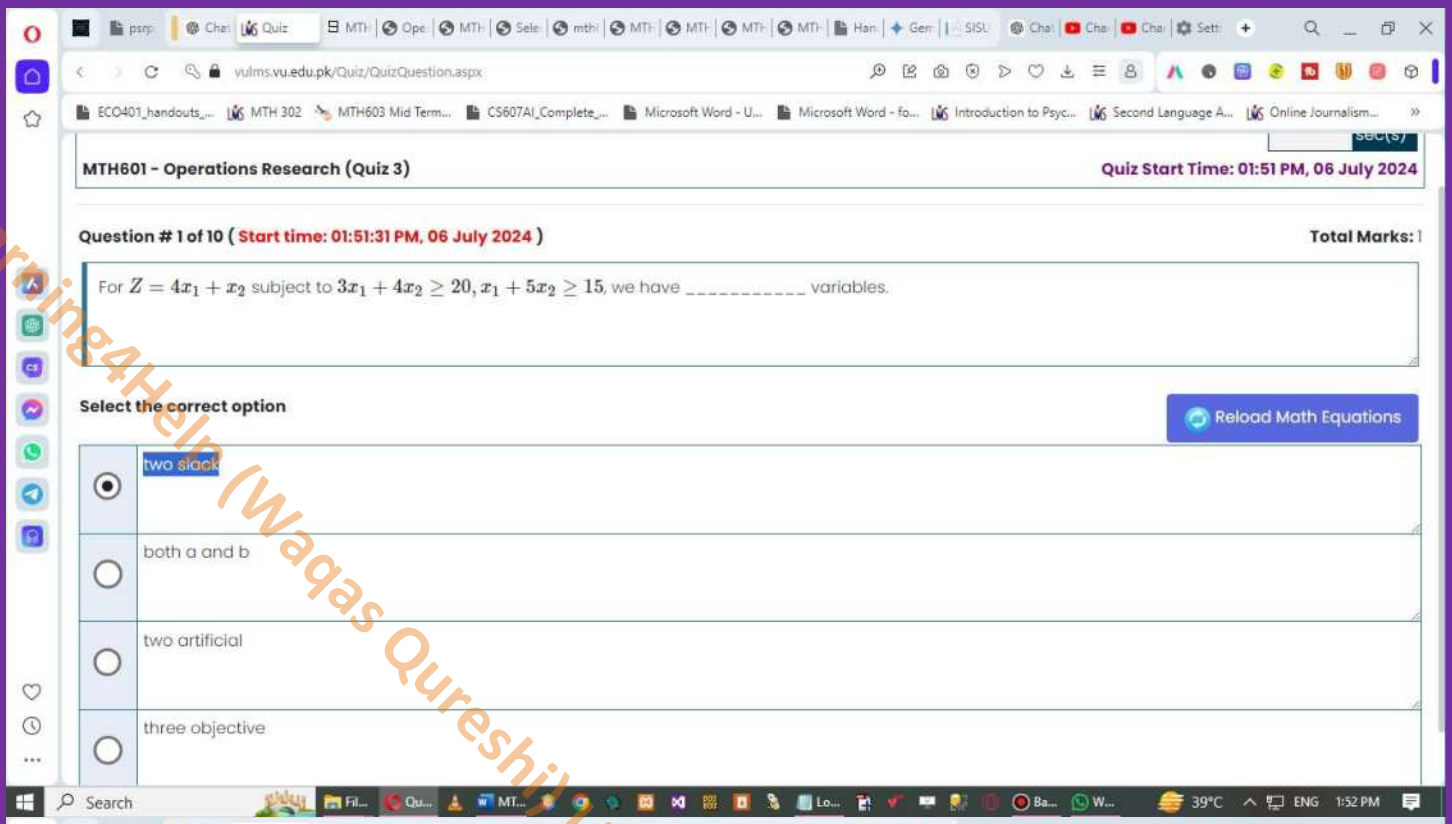


MTH601 - Operations Research (Quiz 3)

Quiz Start Time: 01:51 PM, 06 July 2024

Question # 1 of 10 (Start time: 01:51:31 PM, 06 July 2024)

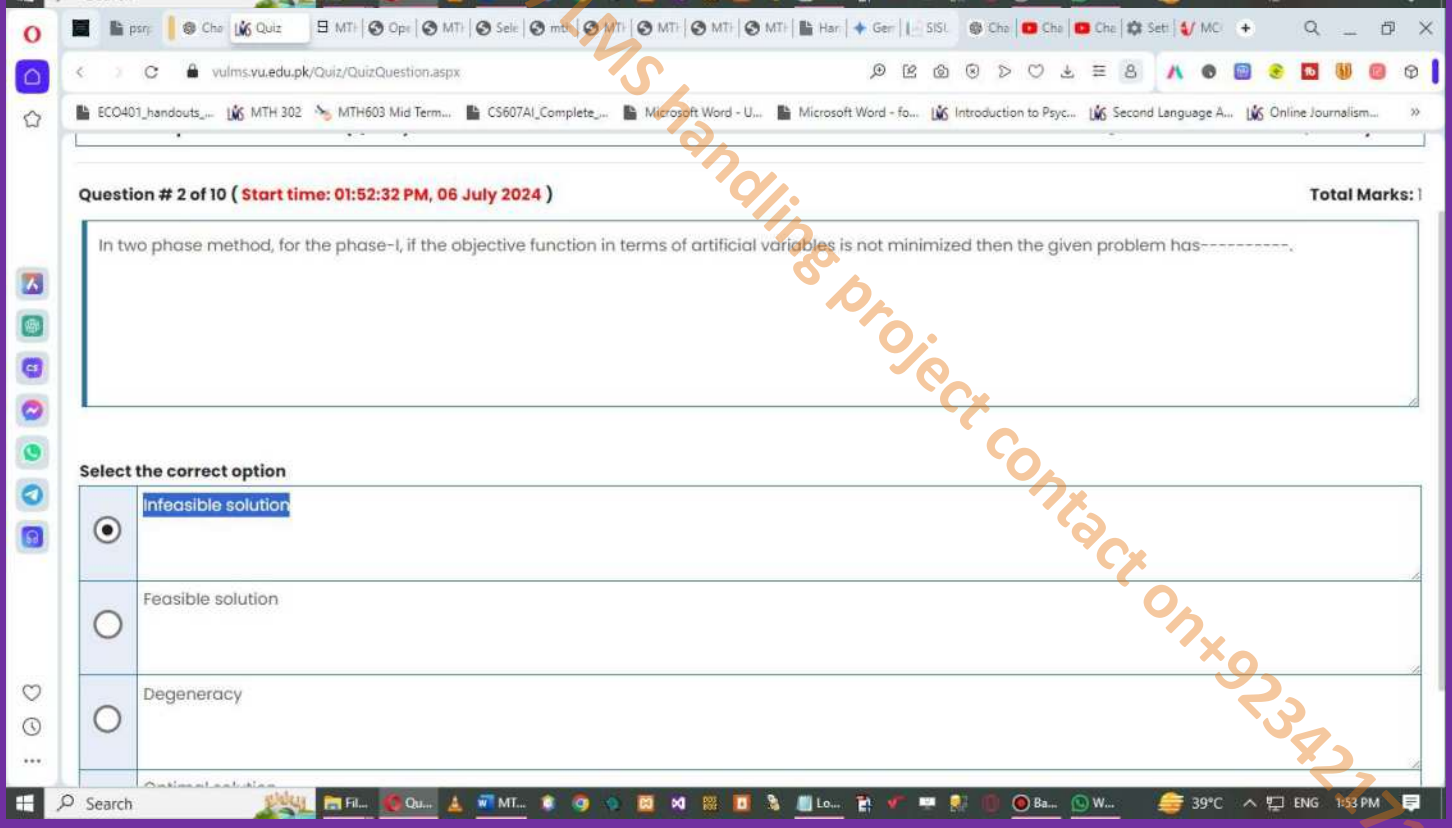
Total Marks: 1

For $Z = 4x_1 + x_2$ subject to $3x_1 + 4x_2 \geq 20, x_1 + 5x_2 \geq 15$, we have _____ variables.

Select the correct option

Reload Math Equations

- two slack
- both a and b
- two artificial
- three objective



Question # 2 of 10 (Start time: 01:52:32 PM, 06 July 2024)

Total Marks: 1

In two phase method, for the phase-I, if the objective function in terms of artificial variables is not minimized then the given problem has----------.

Select the correct option

- Infeasible solution
- Feasible solution
- Degeneracy

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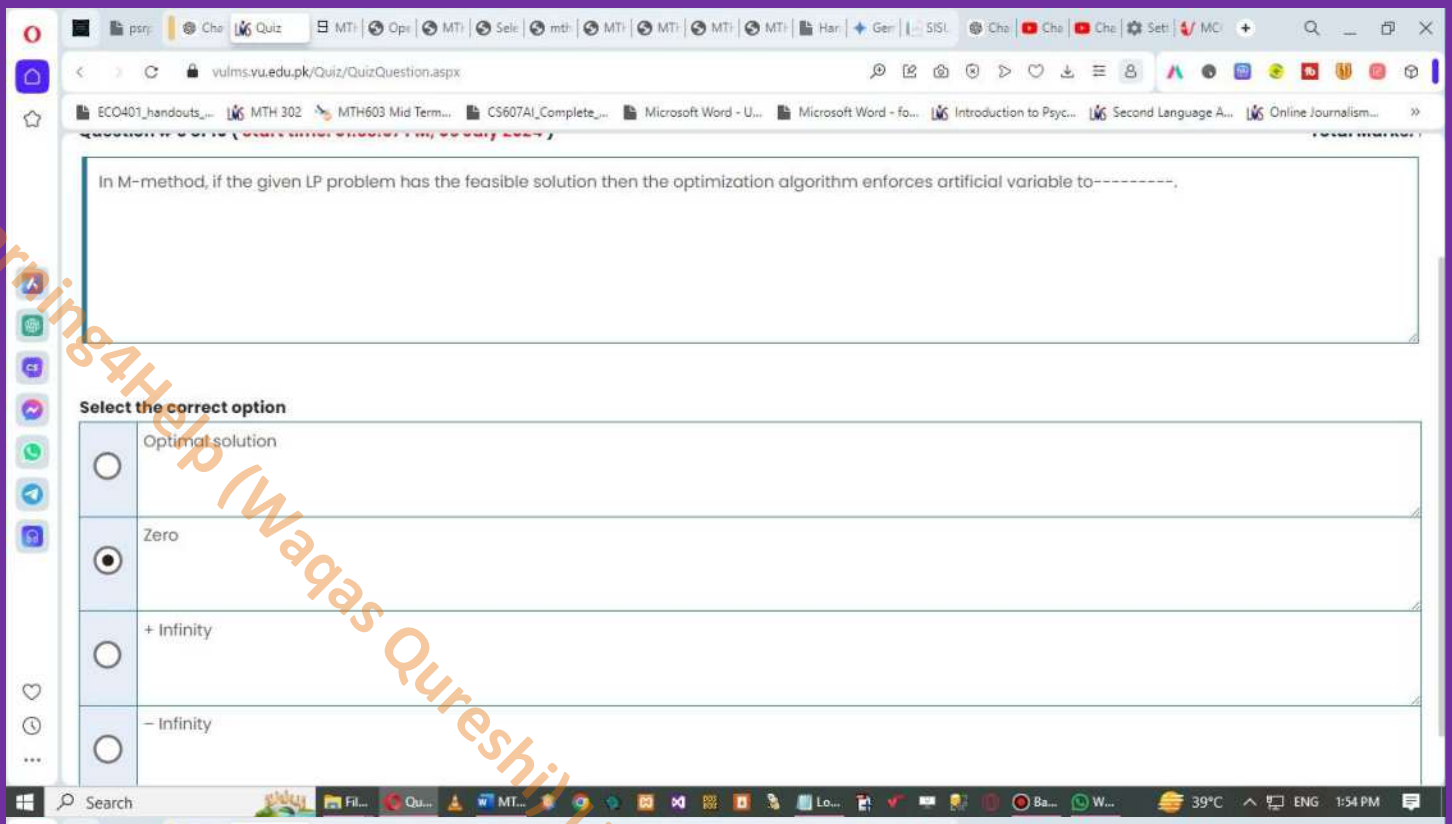

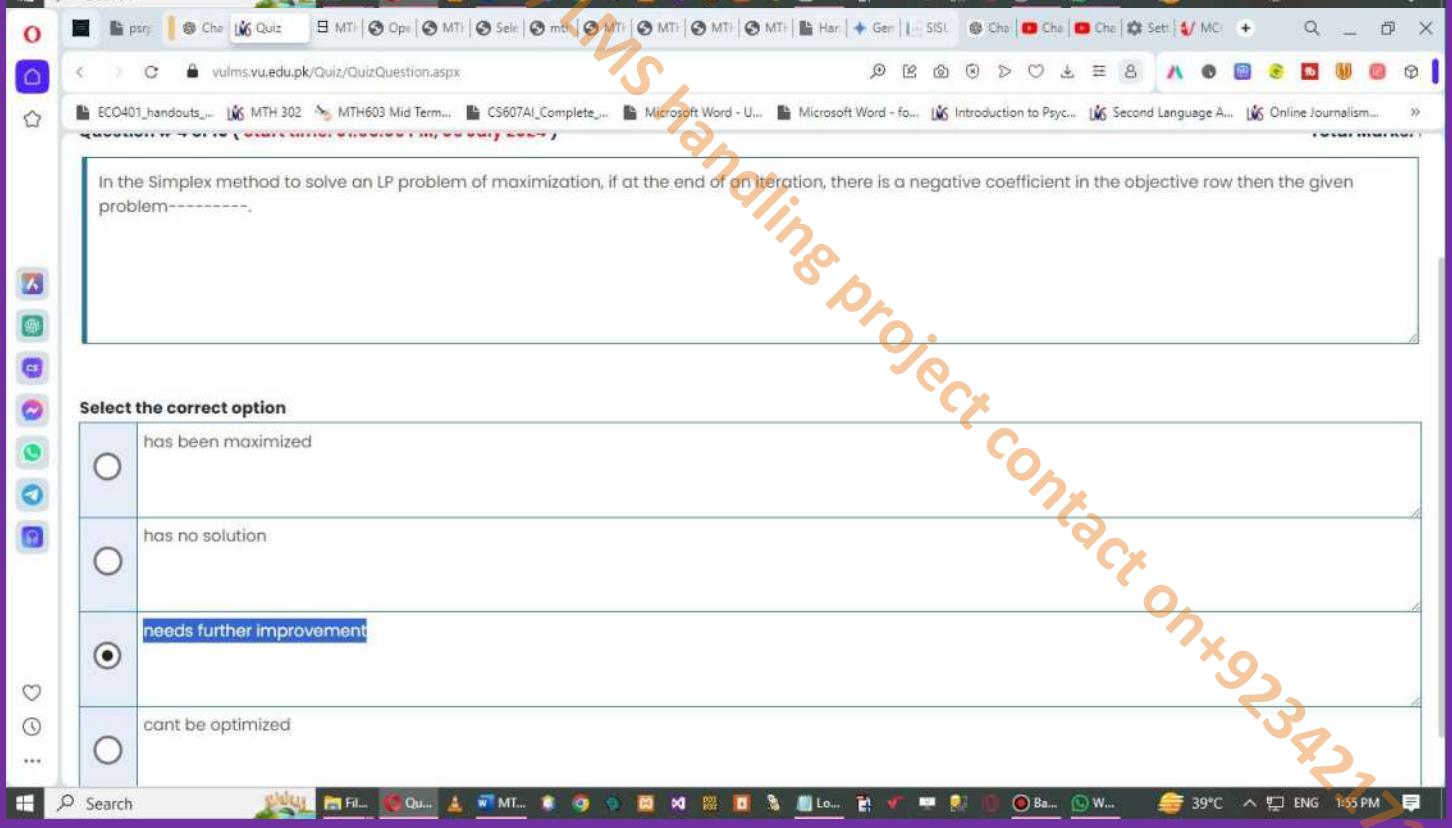

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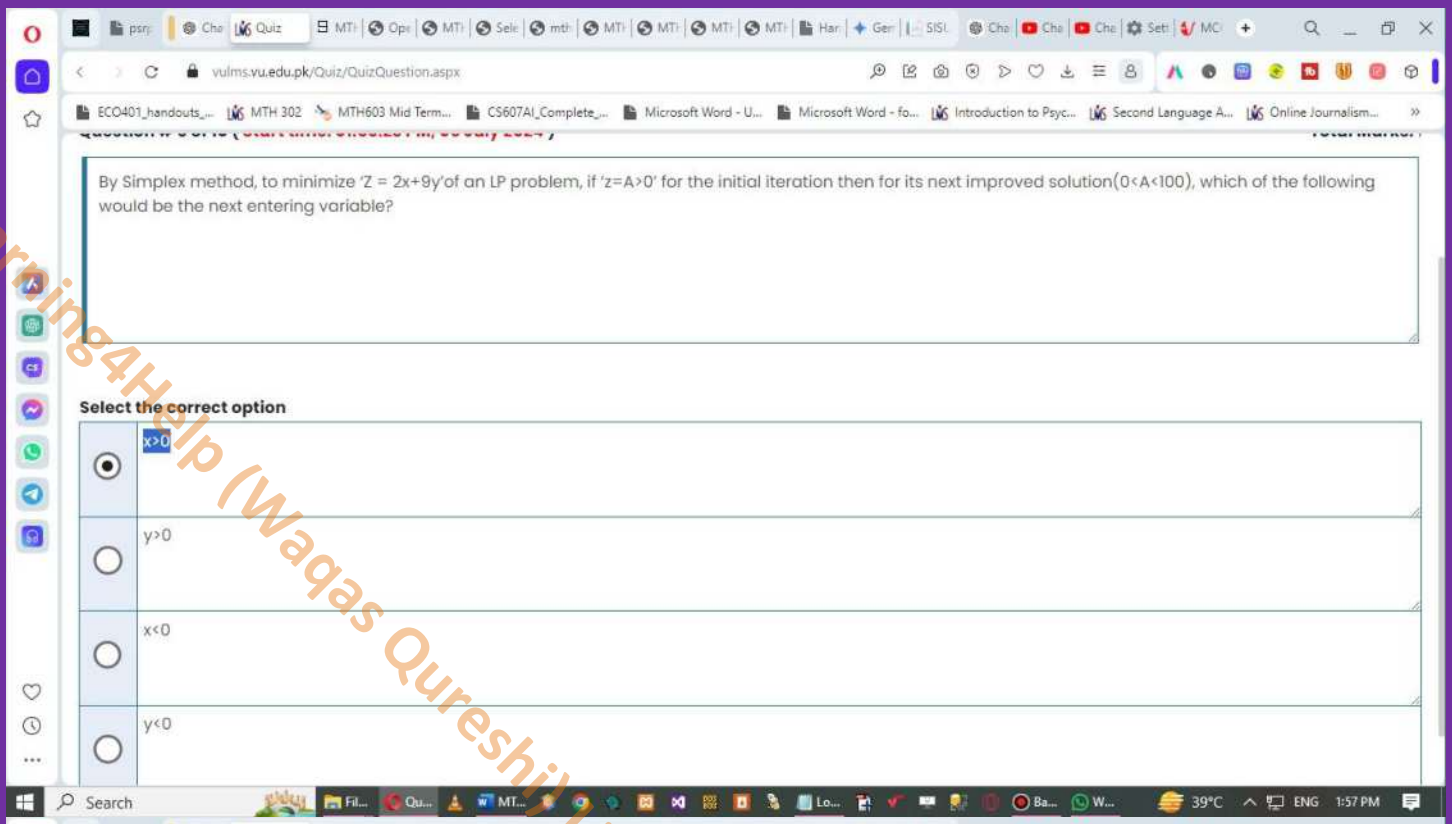

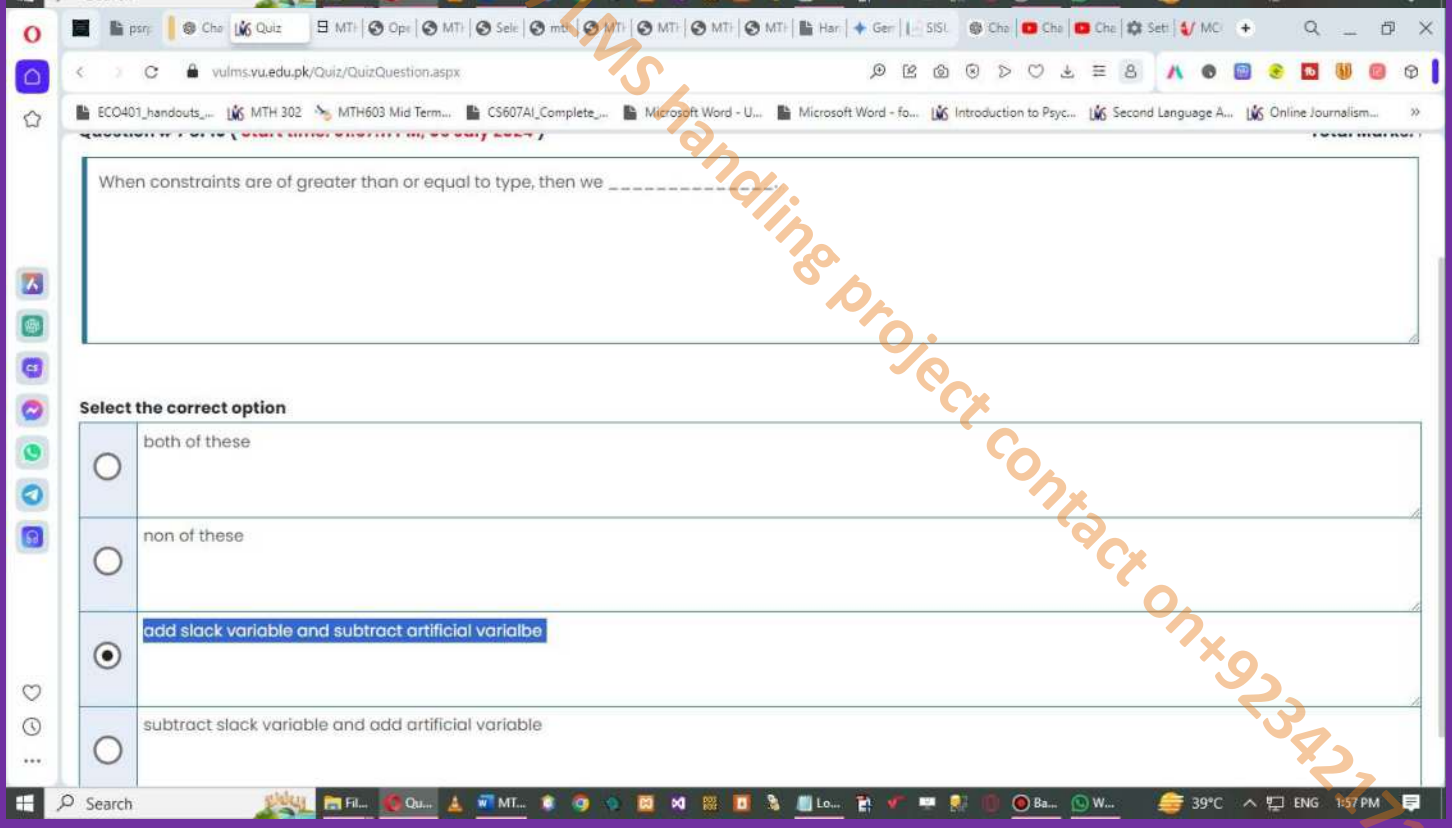

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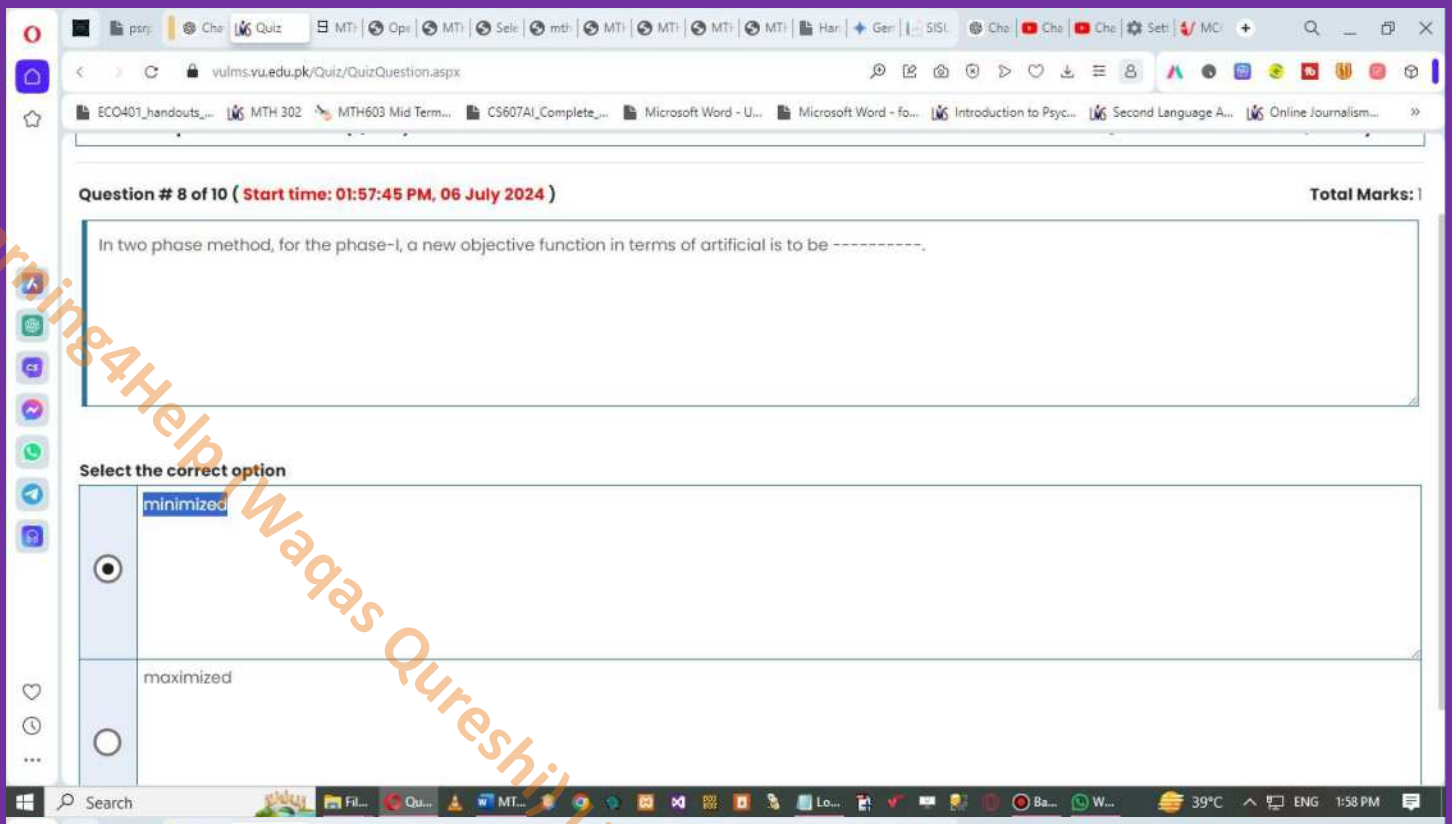

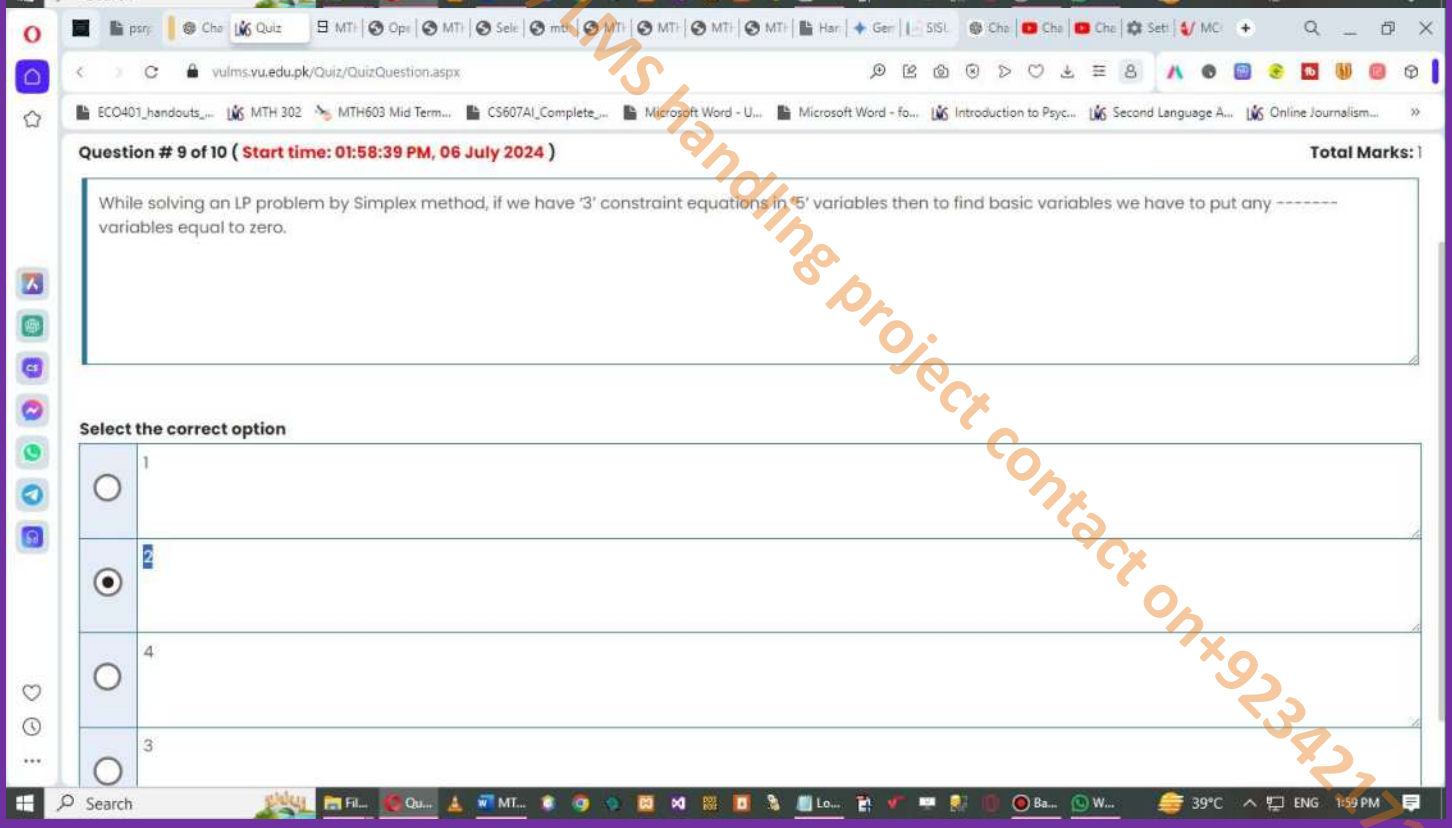

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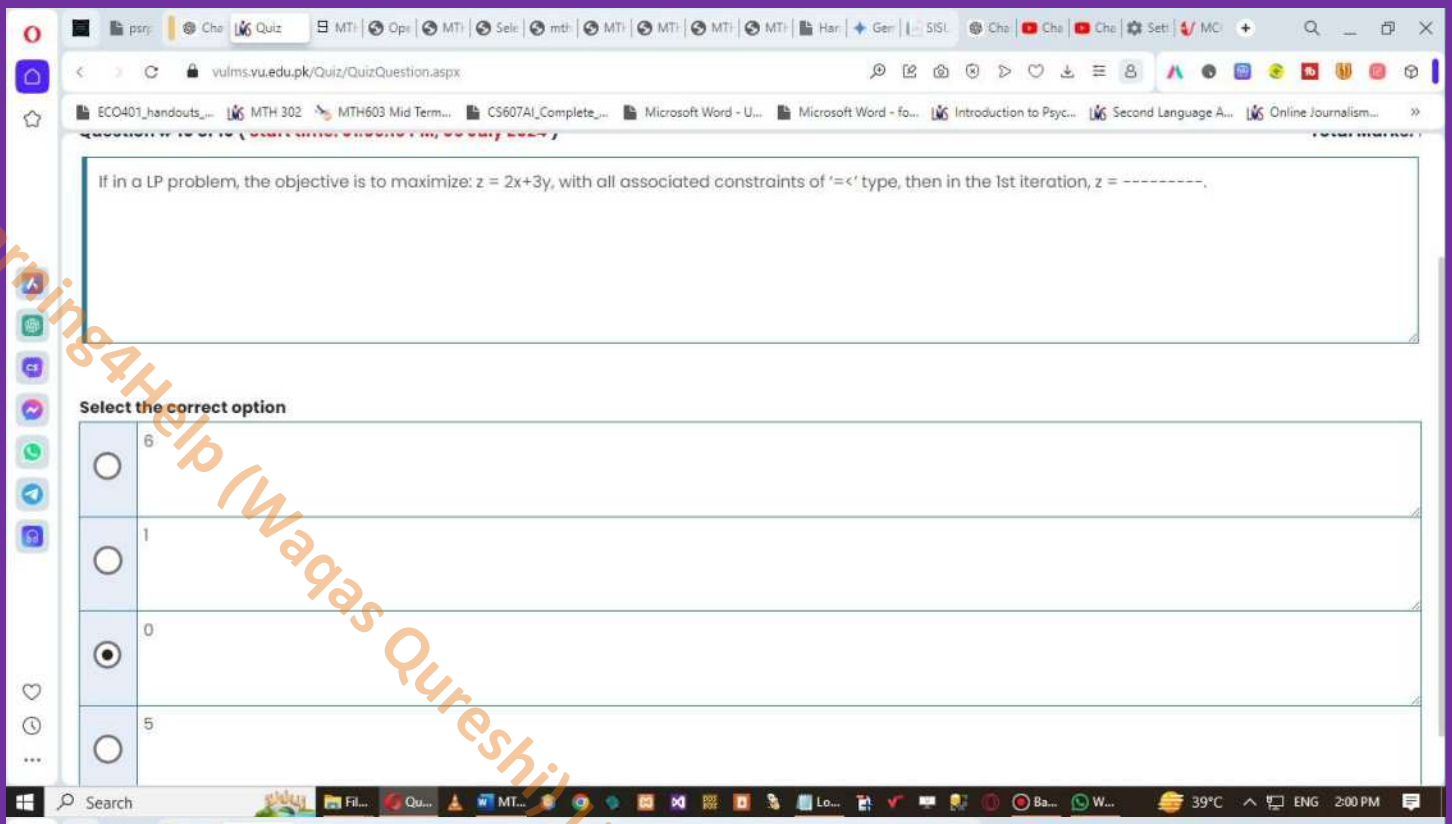

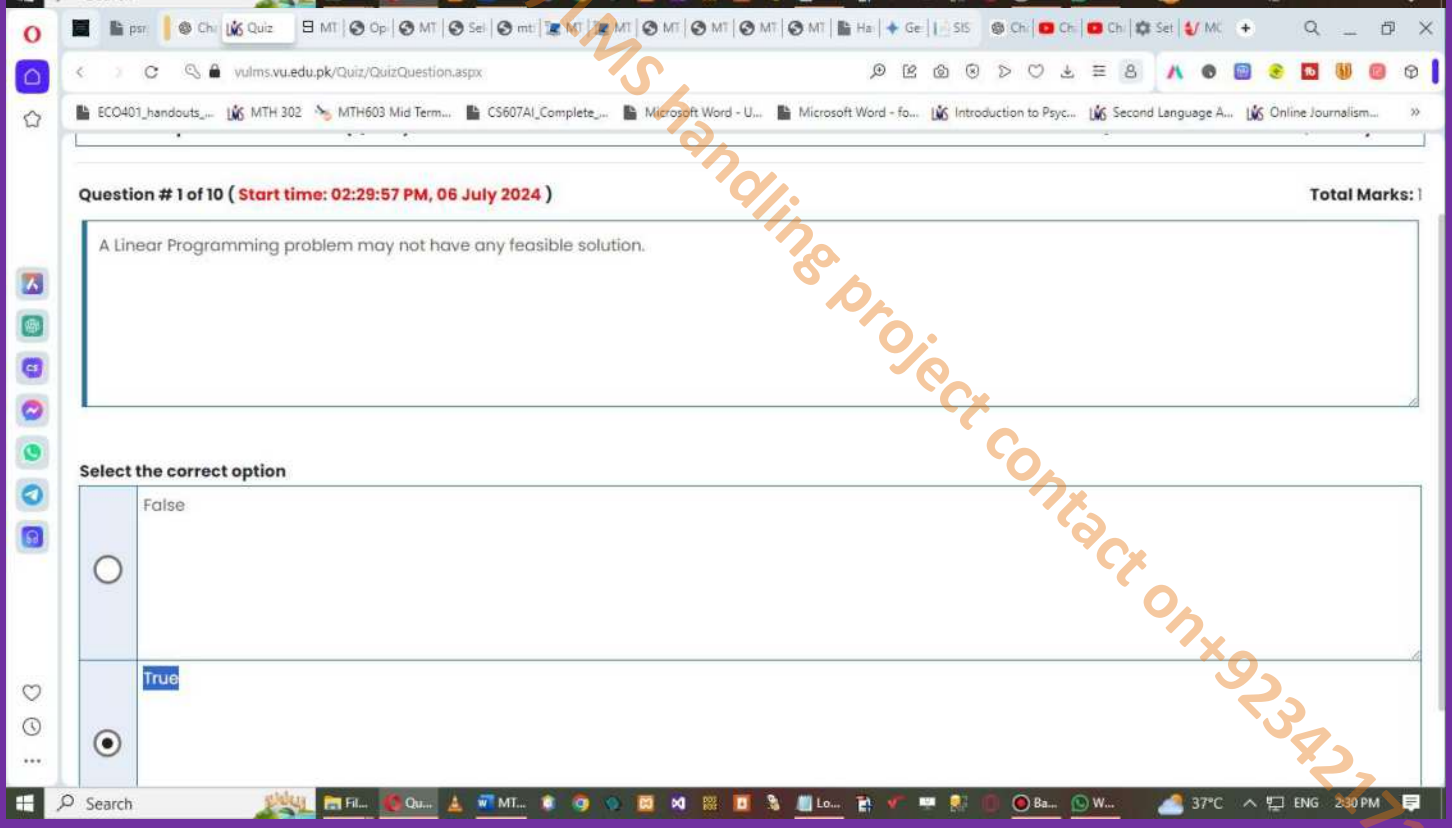

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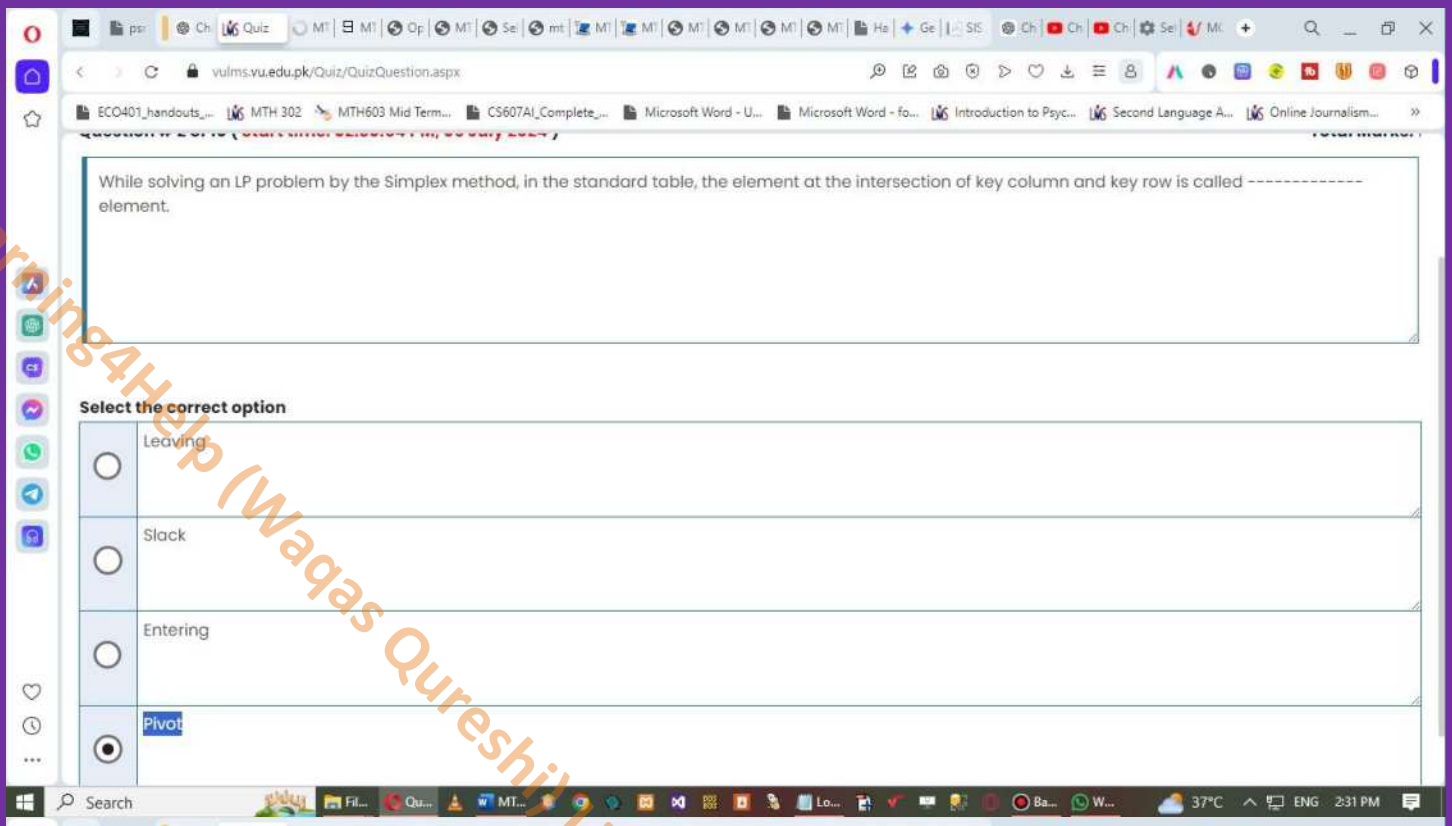

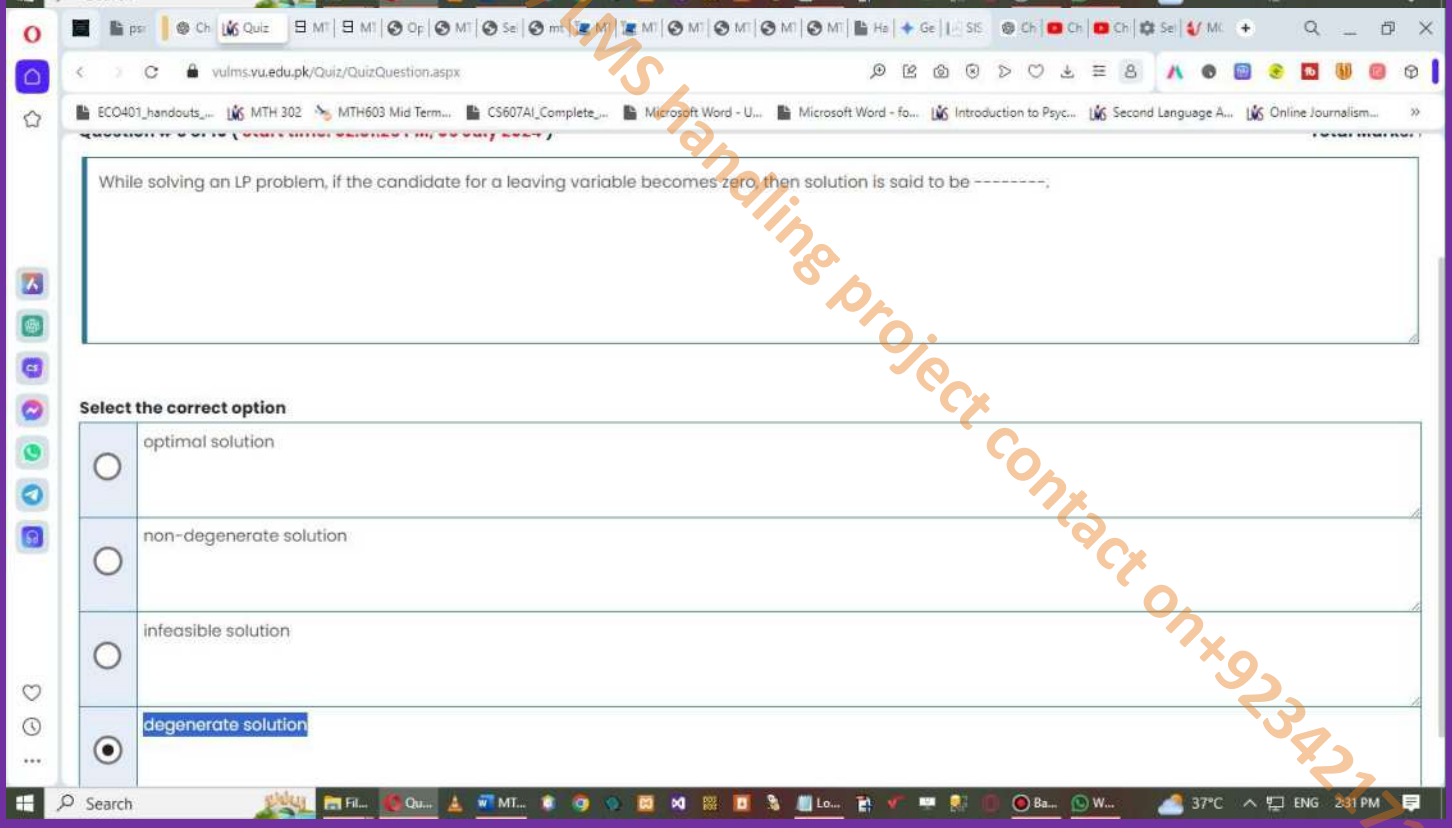

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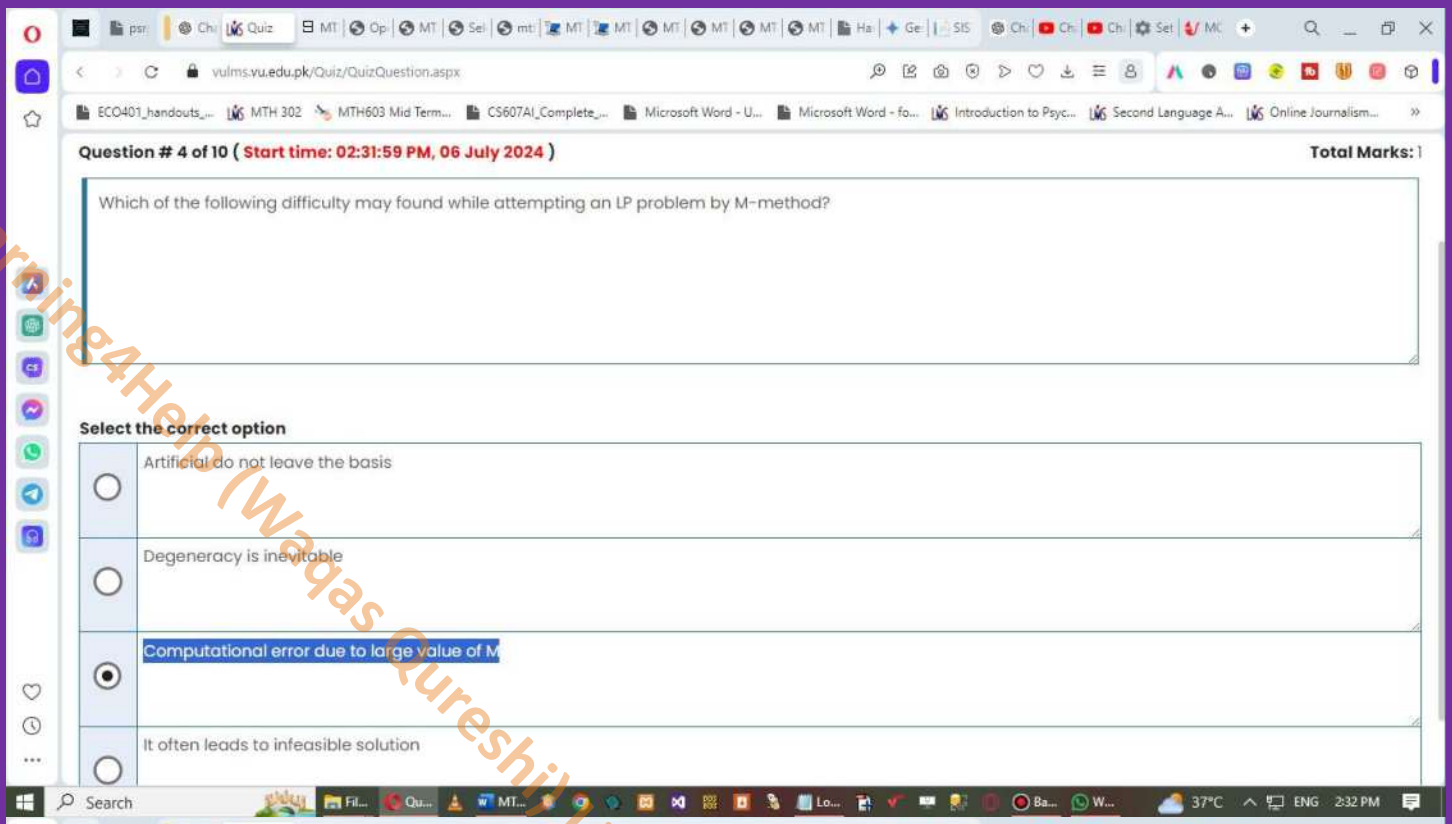

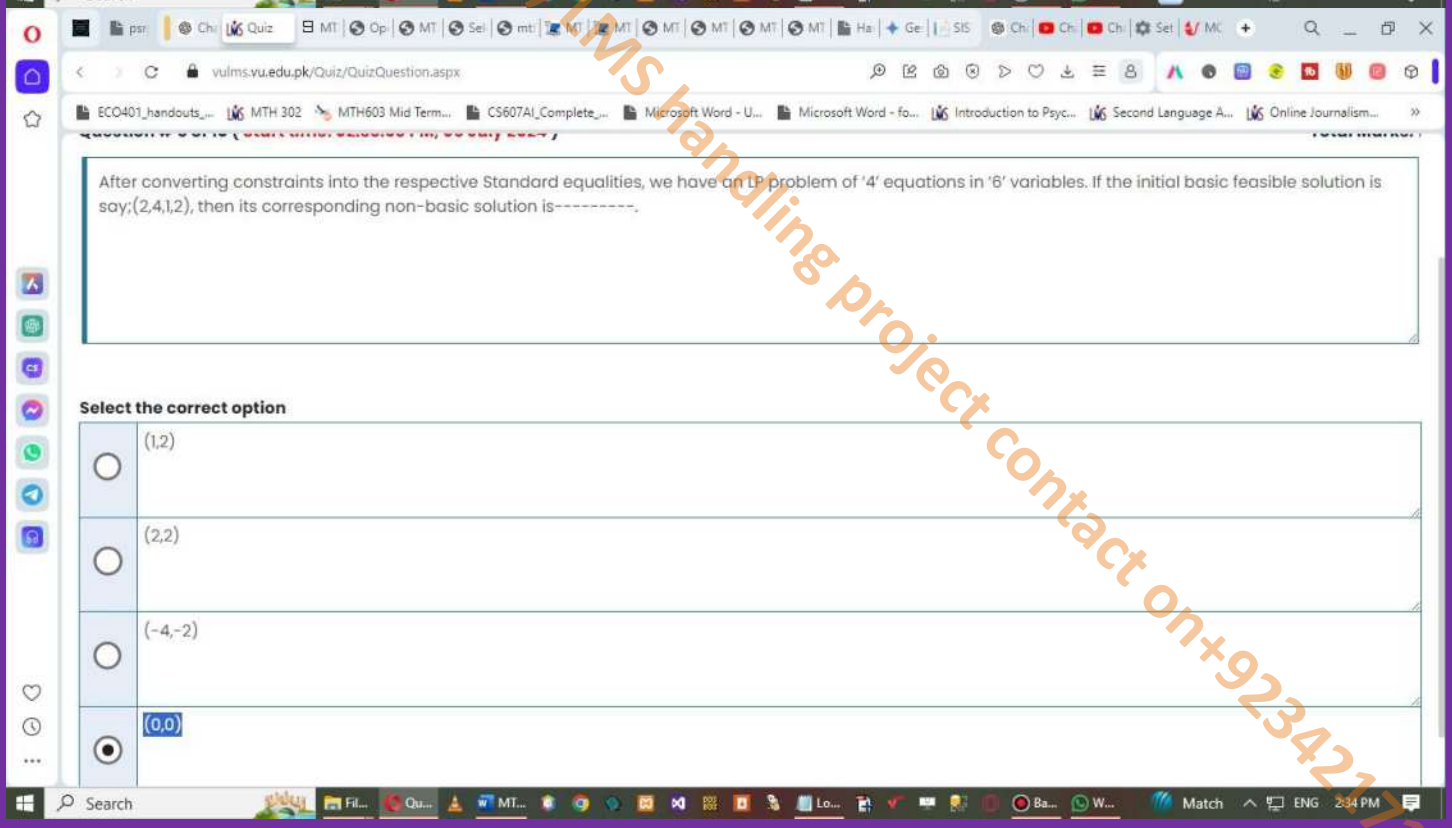

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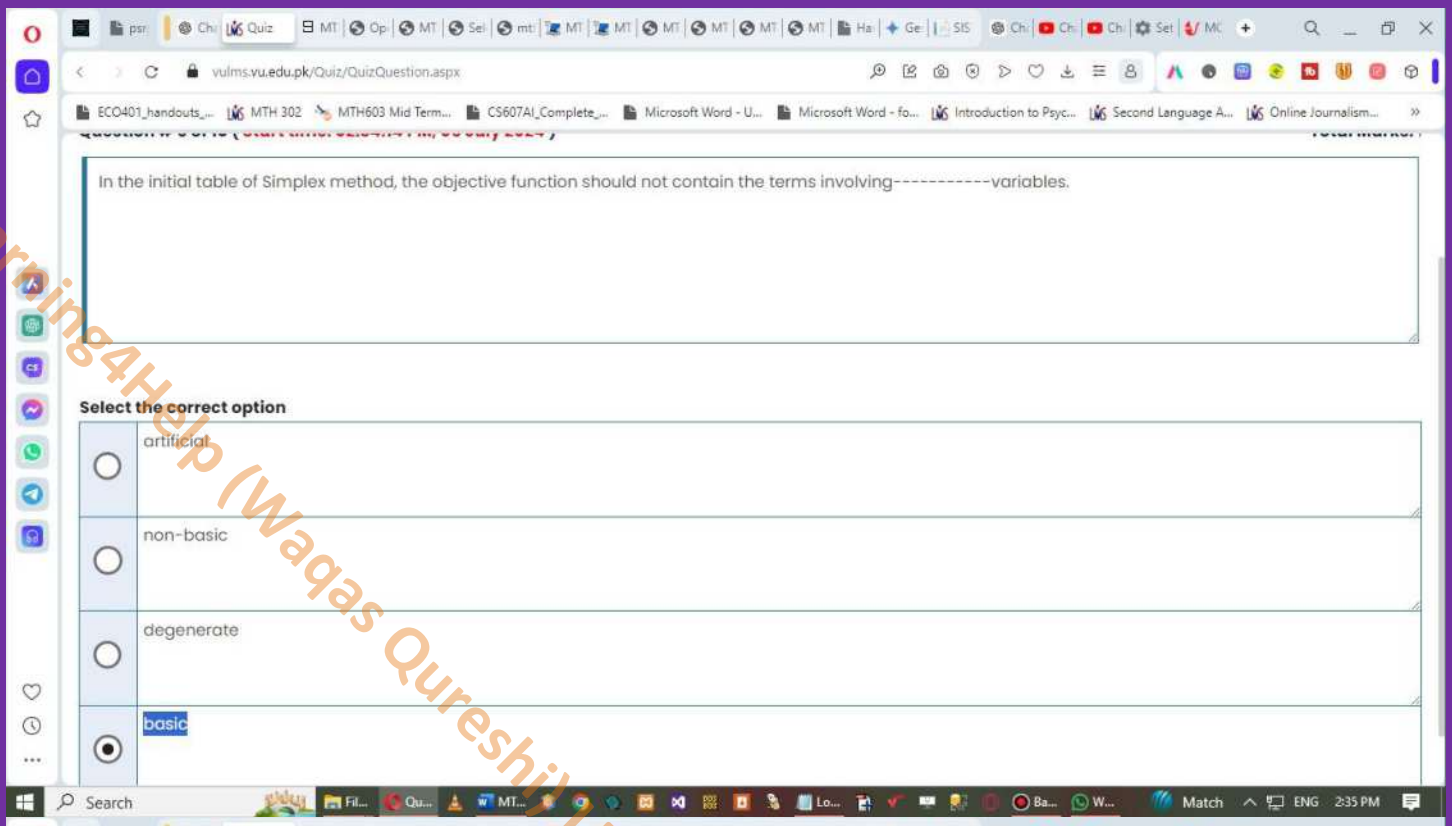

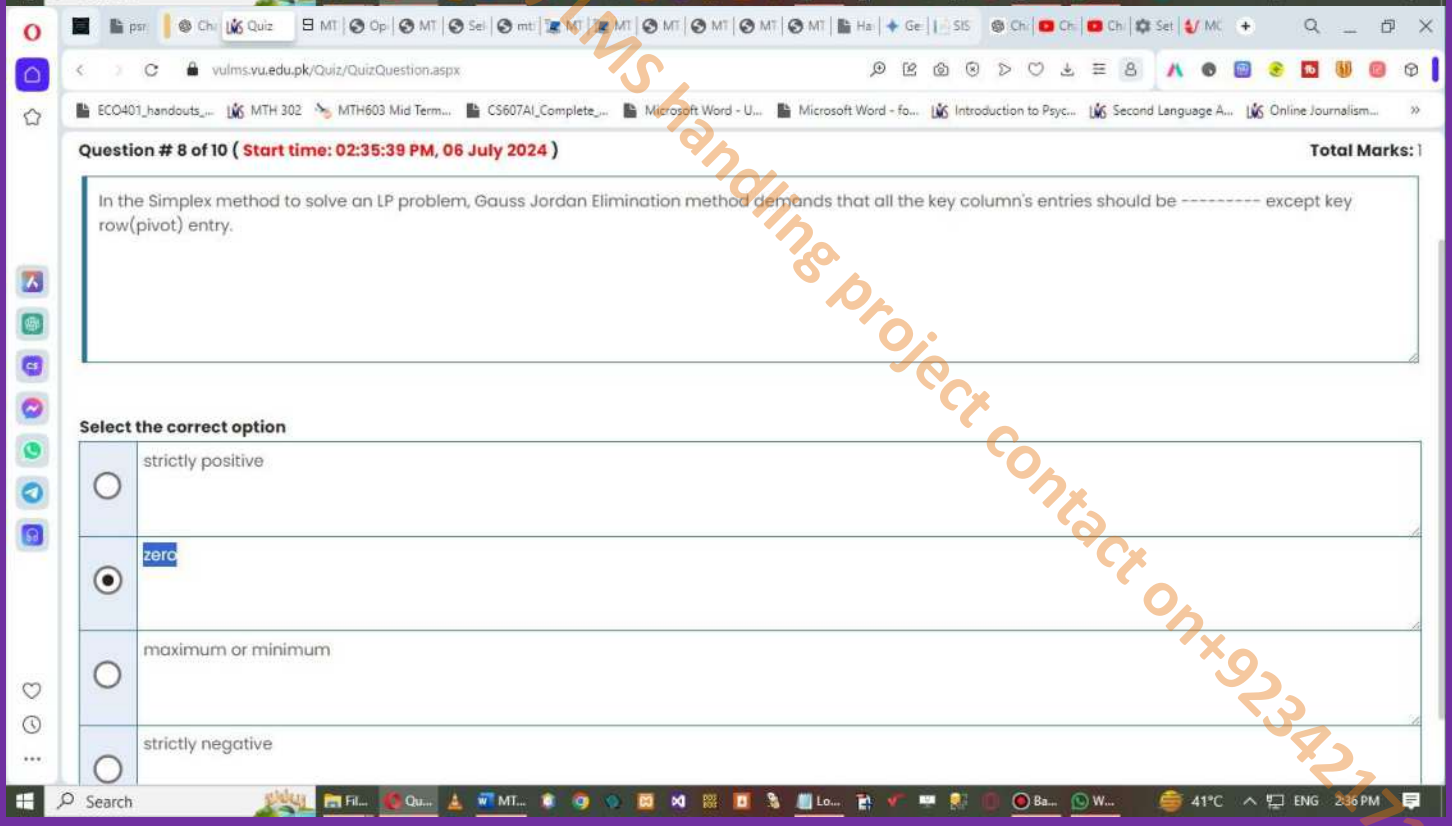

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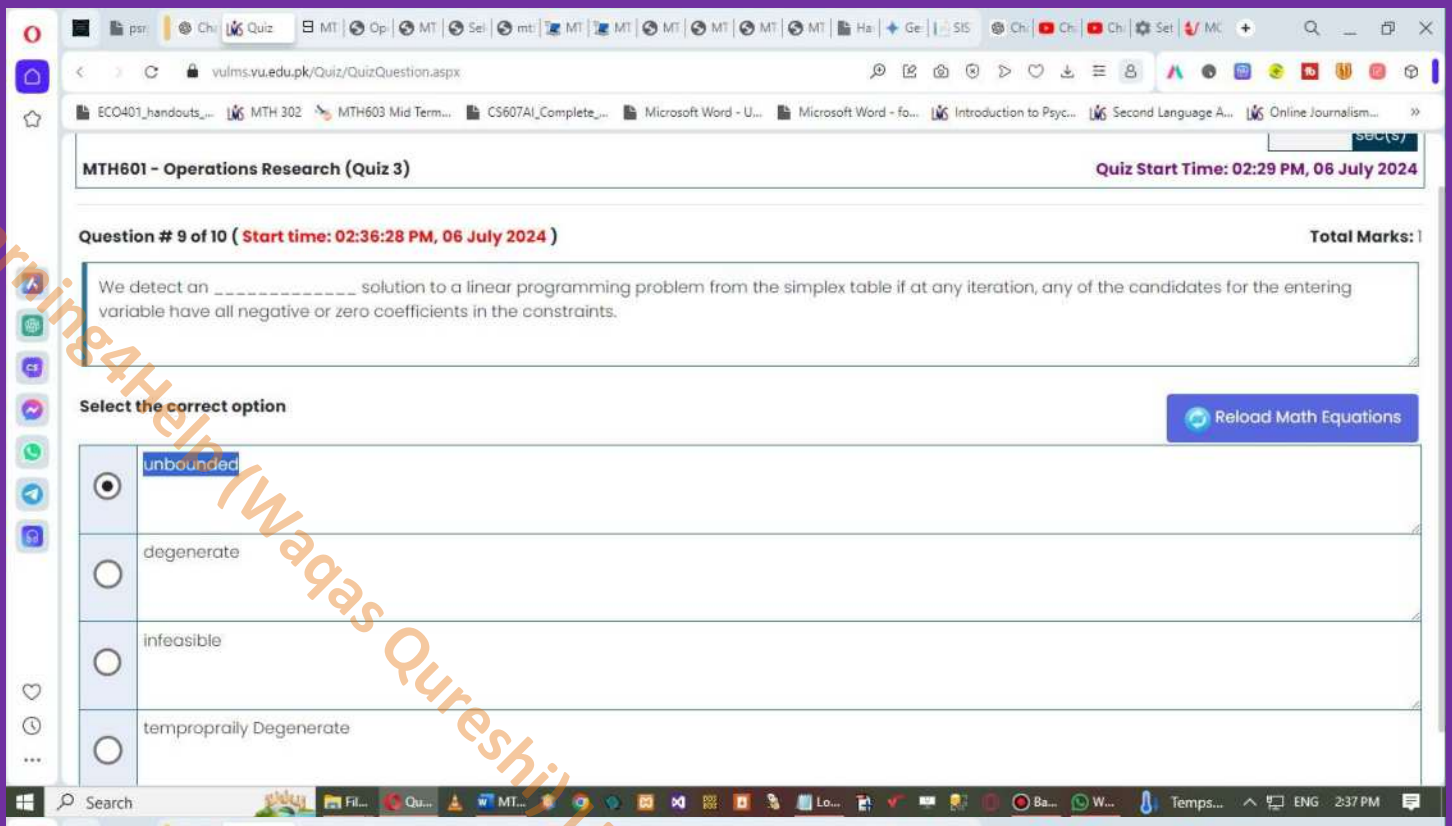

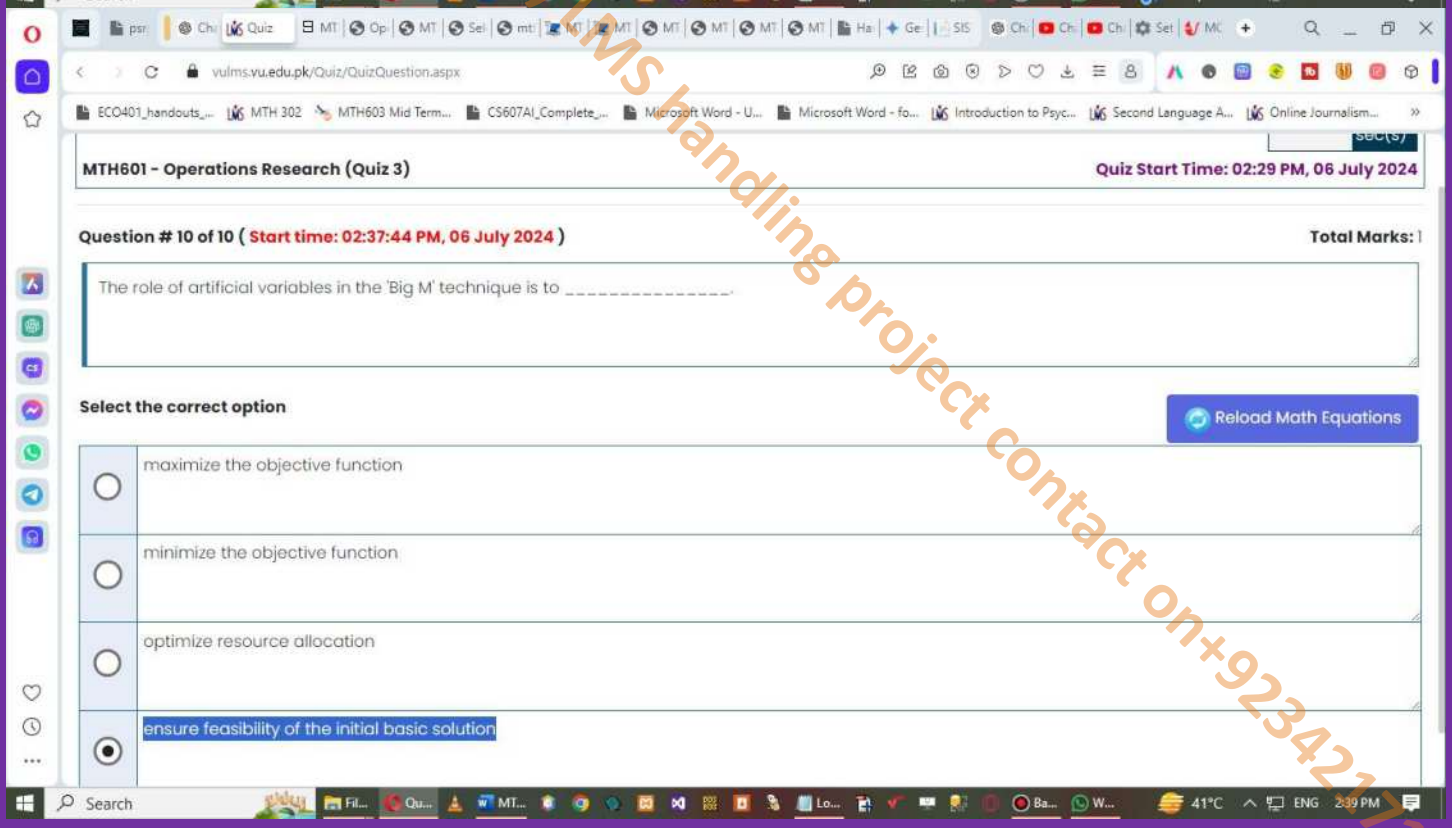

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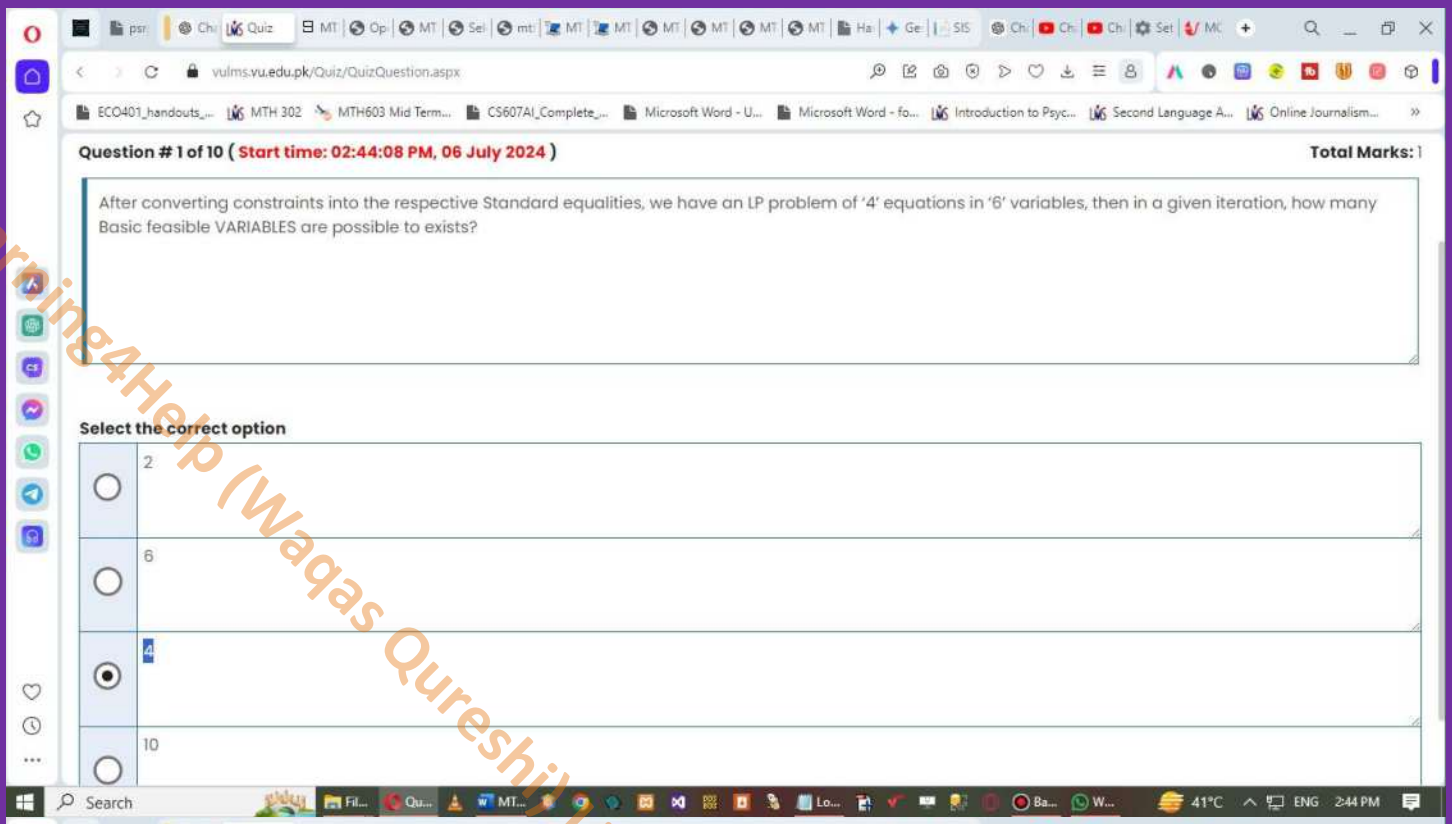

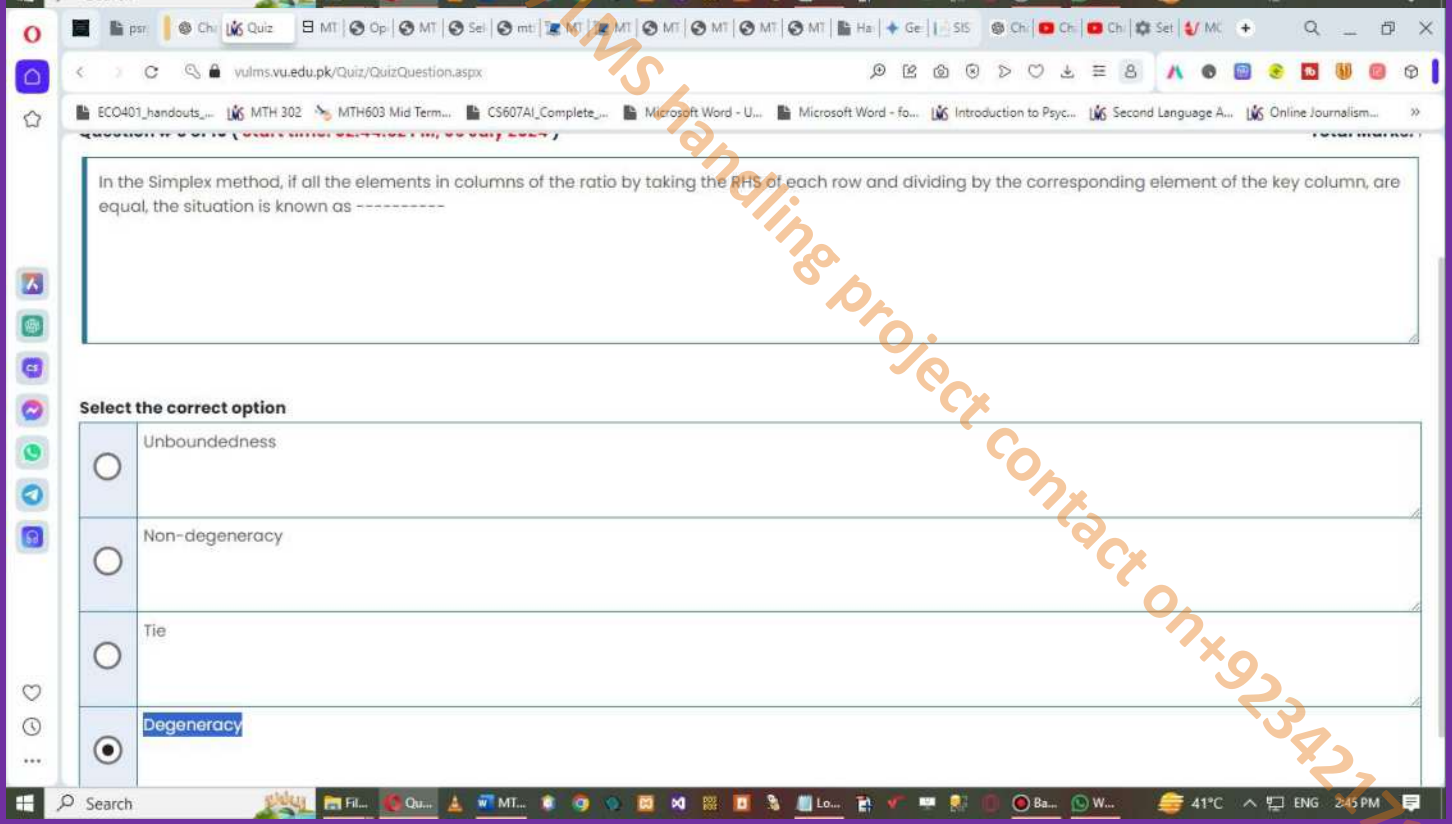

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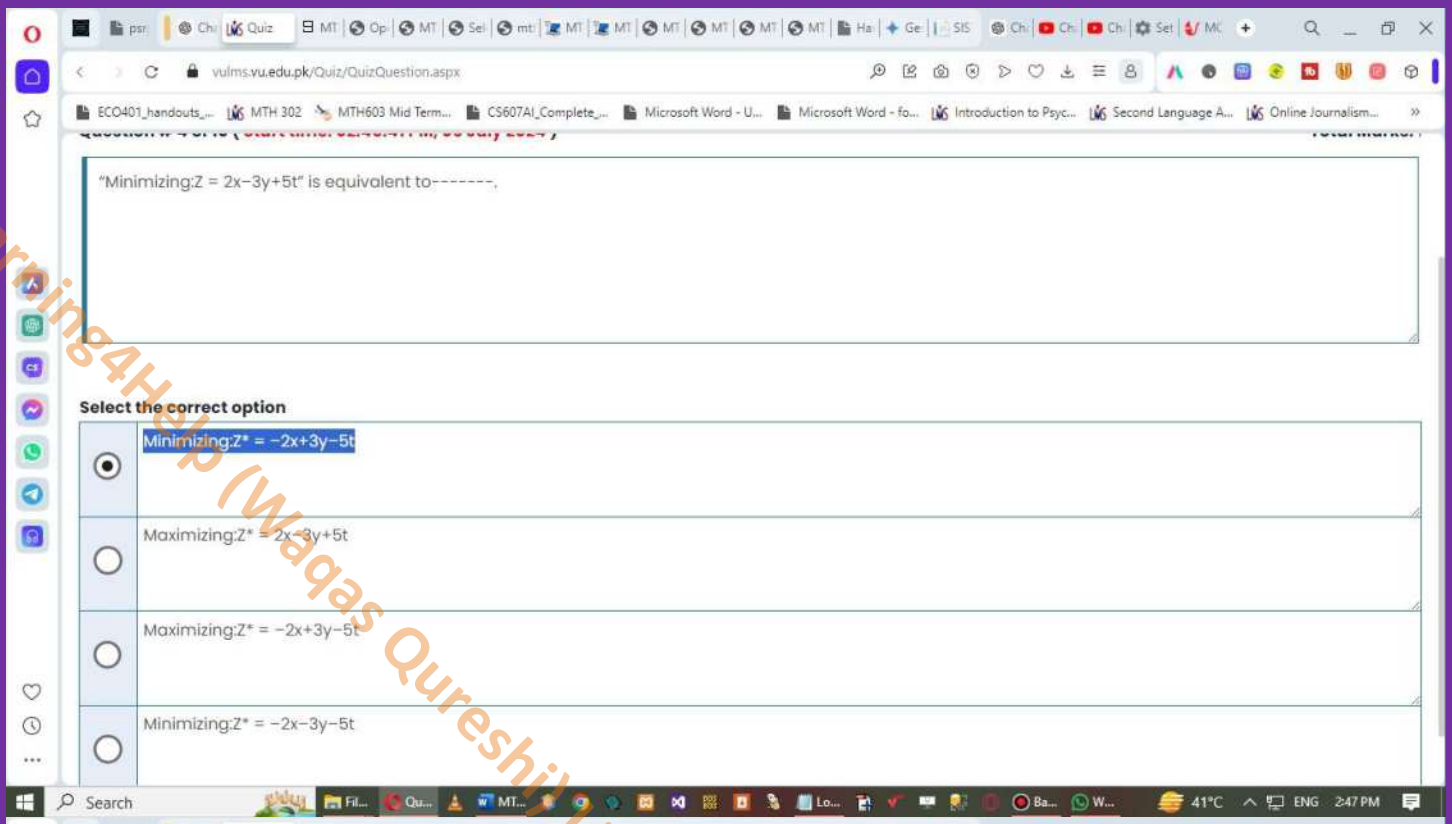
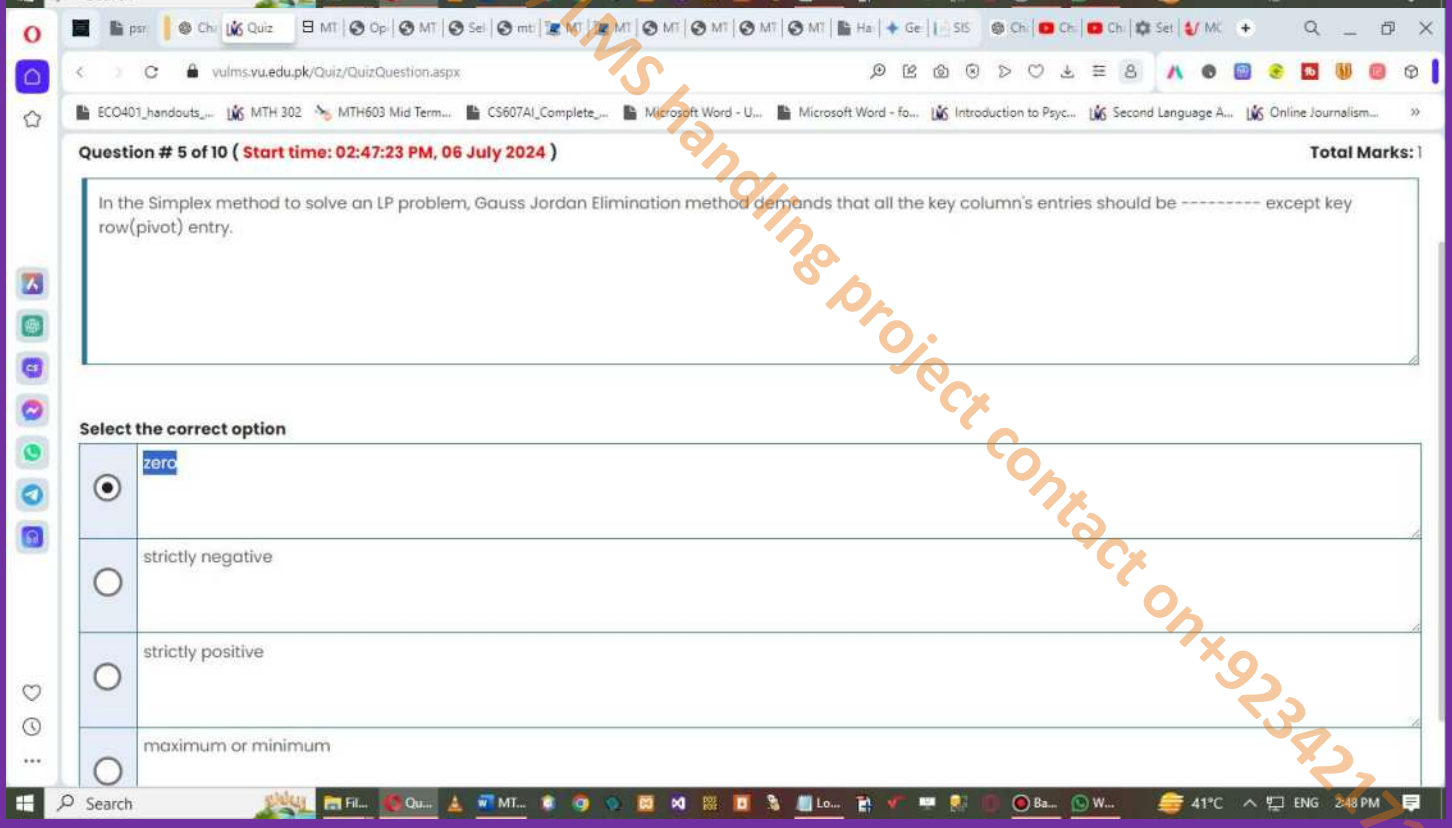


"Minimizing:Z = 2x−3y+5t" is equivalent to-------.

Select the correct option

- (•) Minimizing:Z* = −2x+3y−5t
- ( ) Maximizing:Z* = 2x−3y+5t
- ( ) Maximizing:Z* = −2x+3y−5t
- ( ) Minimizing:Z* = −2x−3y−5t



Question # 5 of 10 (Start time: 02:47:23 PM, 06 July 2024) **Total Marks:** 1

In the Simplex method to solve an LP problem, Gauss Jordan Elimination method demands that all the key column's entries should be --------- except key row(pivot) entry.

Select the correct option

- (•) zero
- ( ) strictly negative
- ( ) strictly positive
- ( ) maximum or minimum

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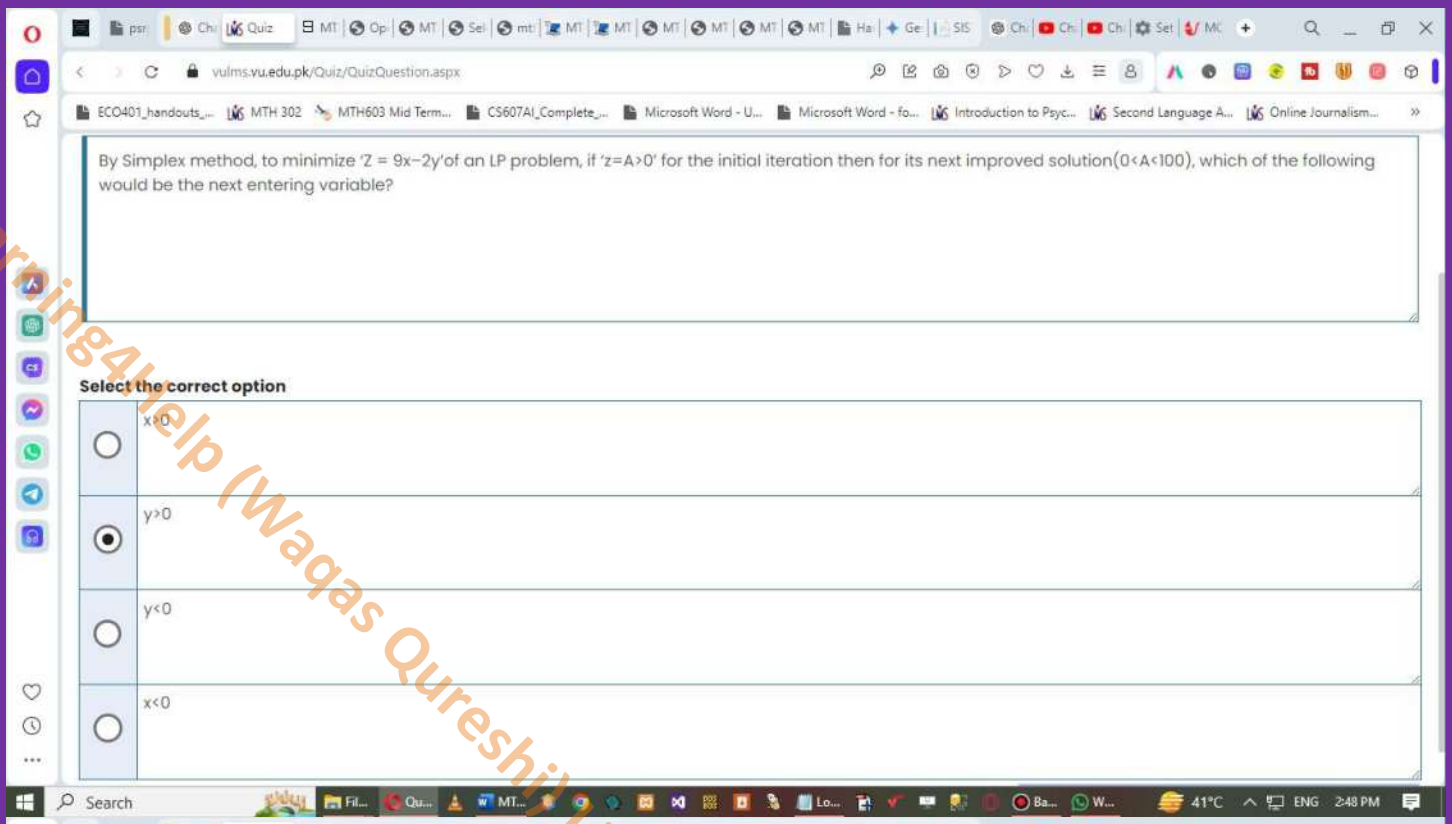

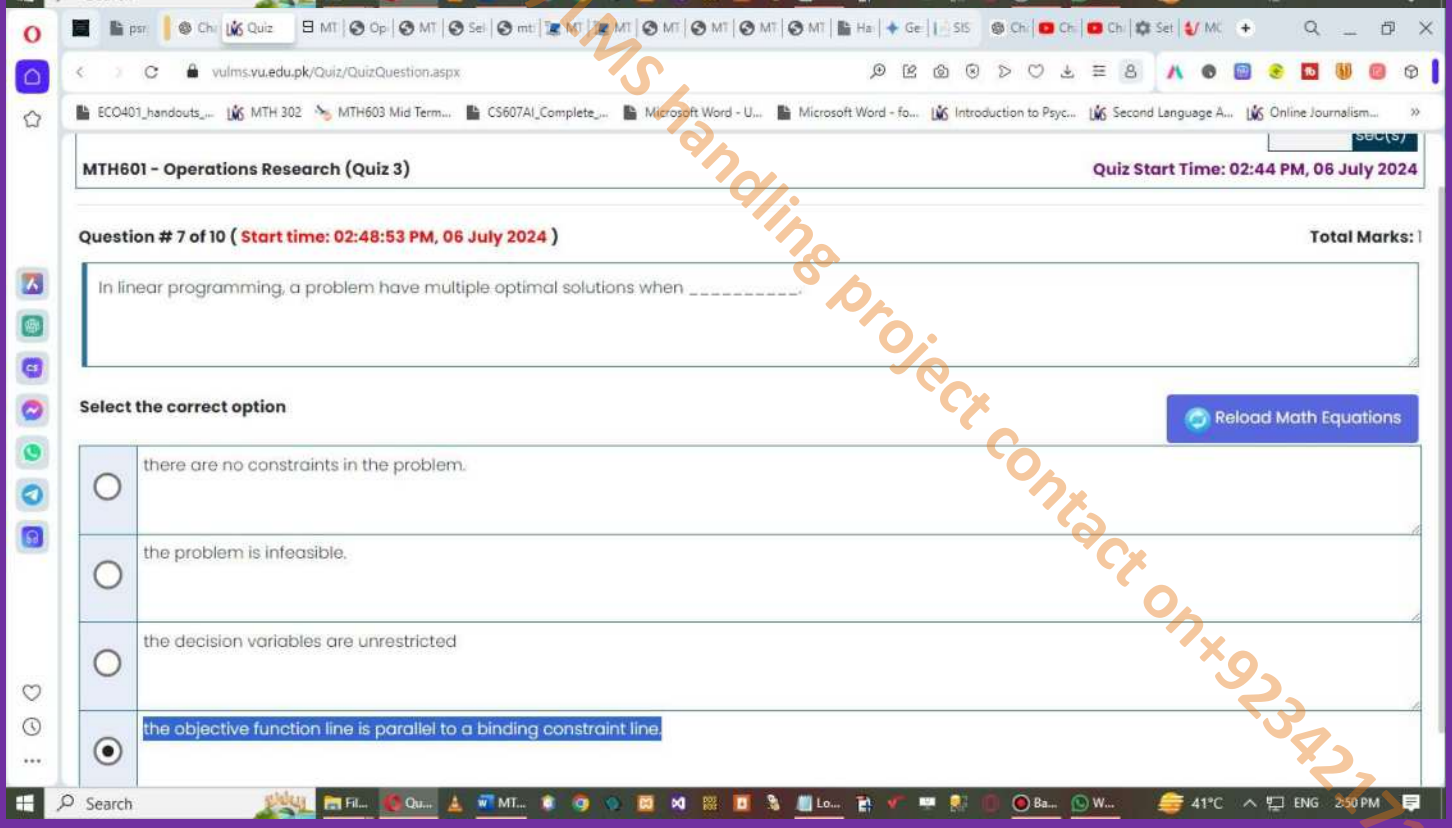

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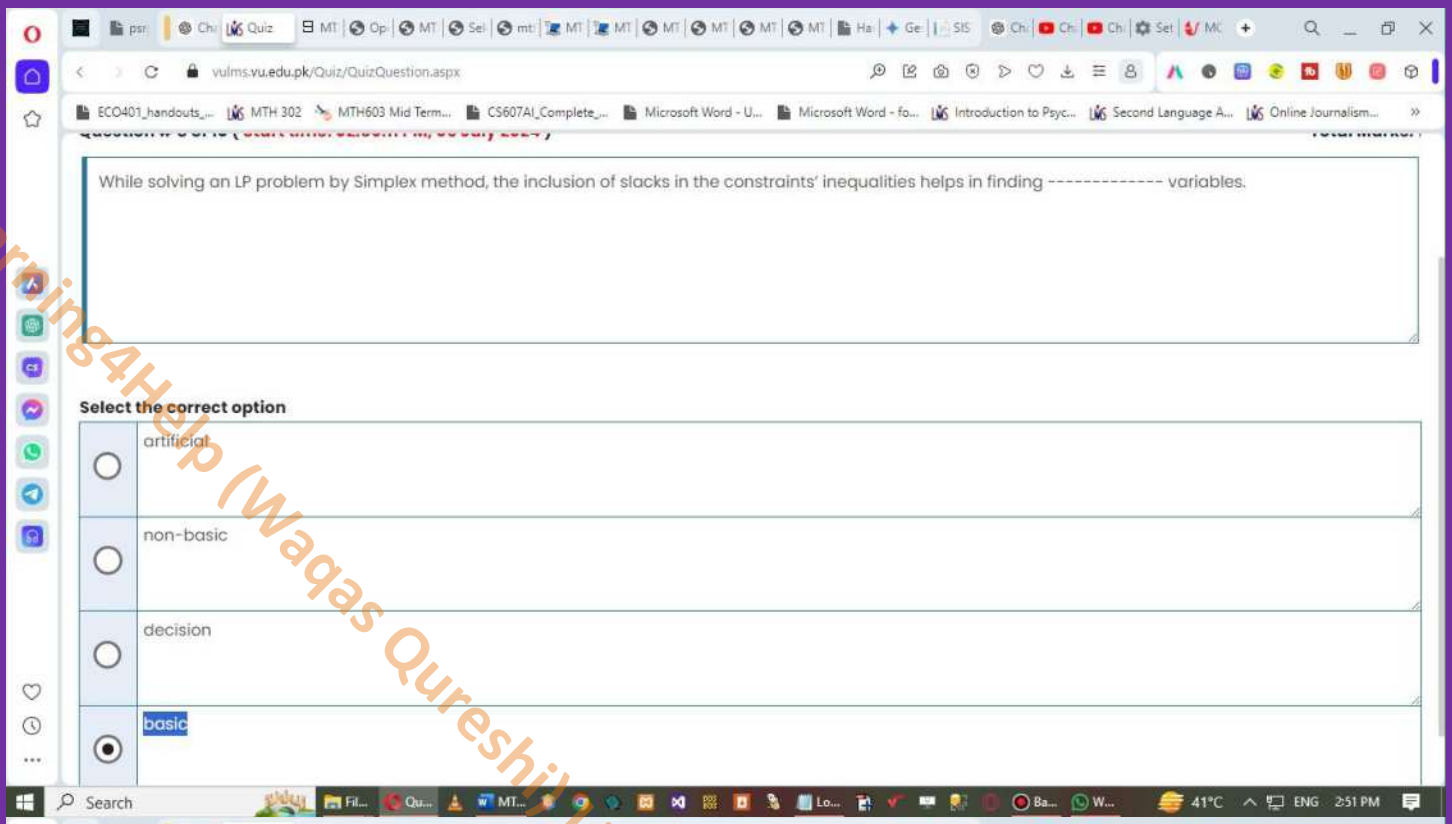

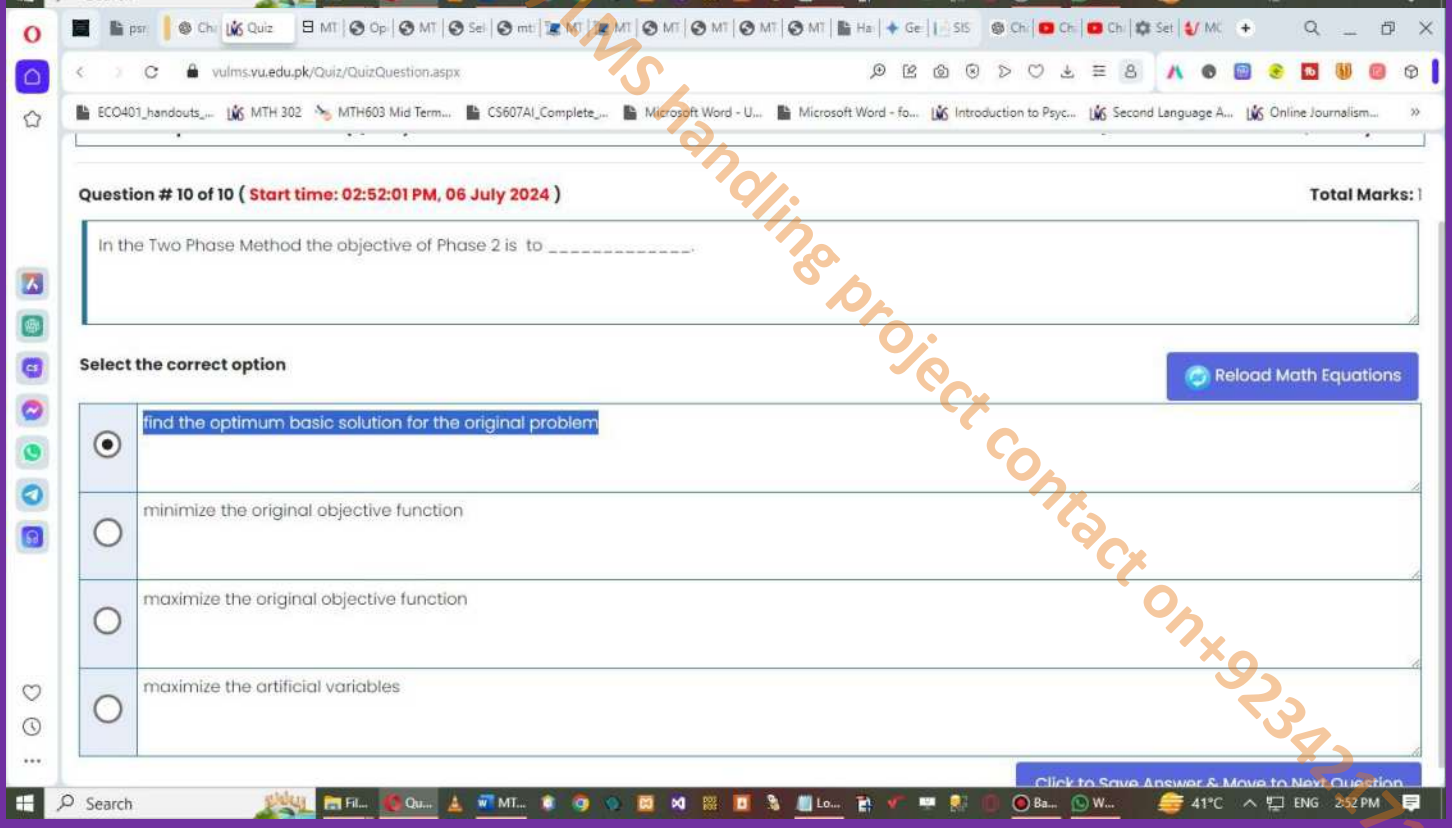

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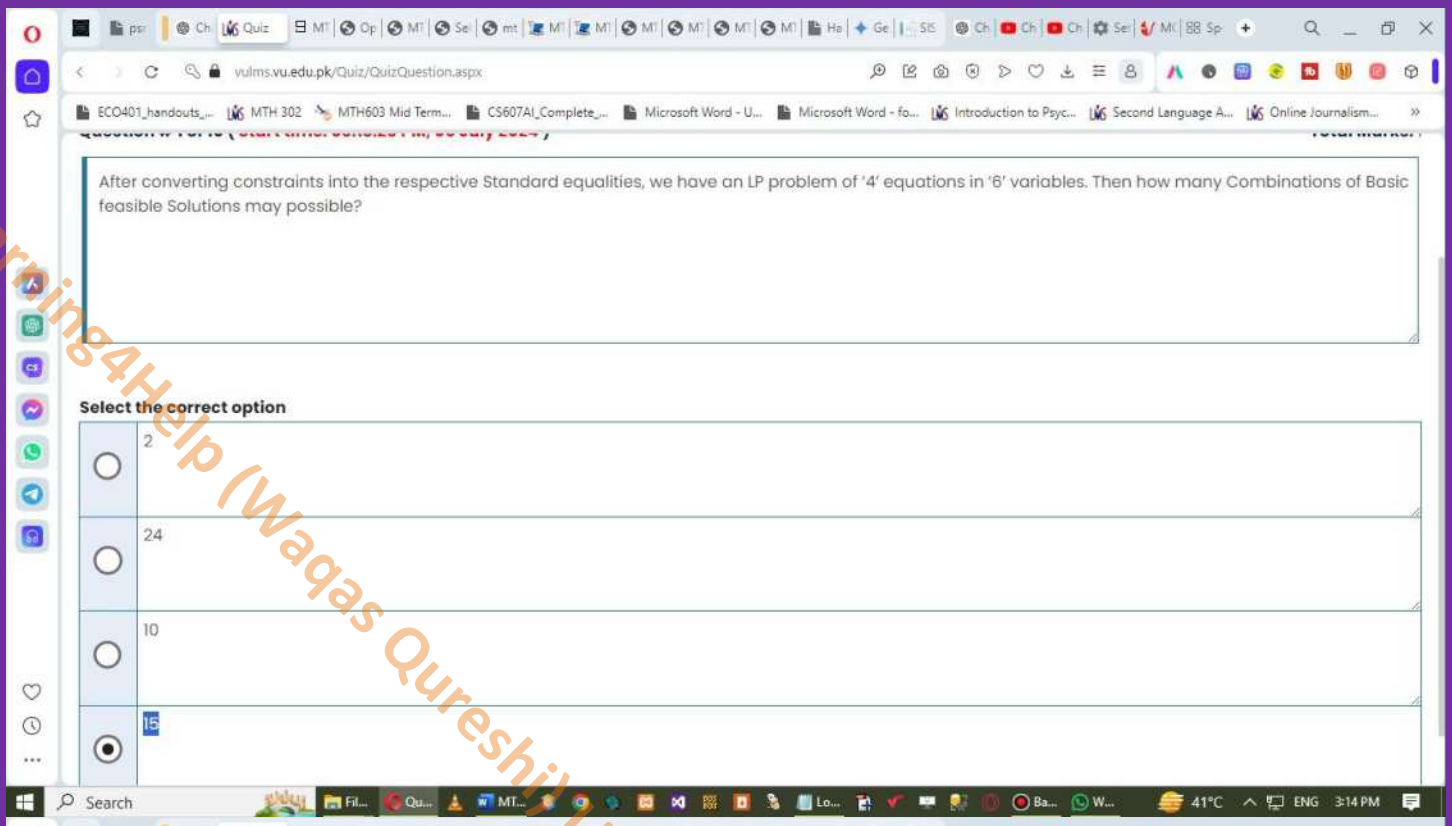

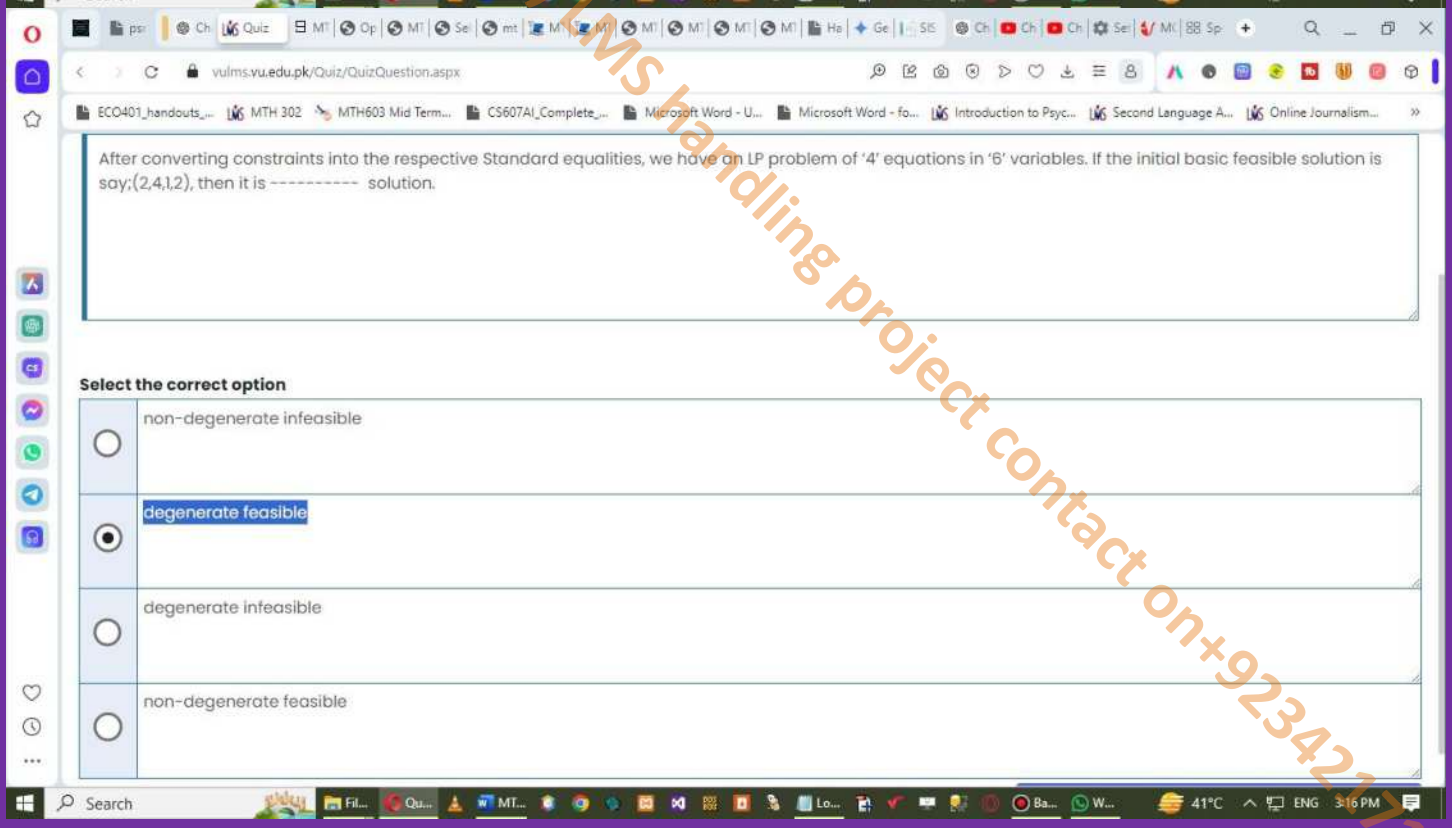

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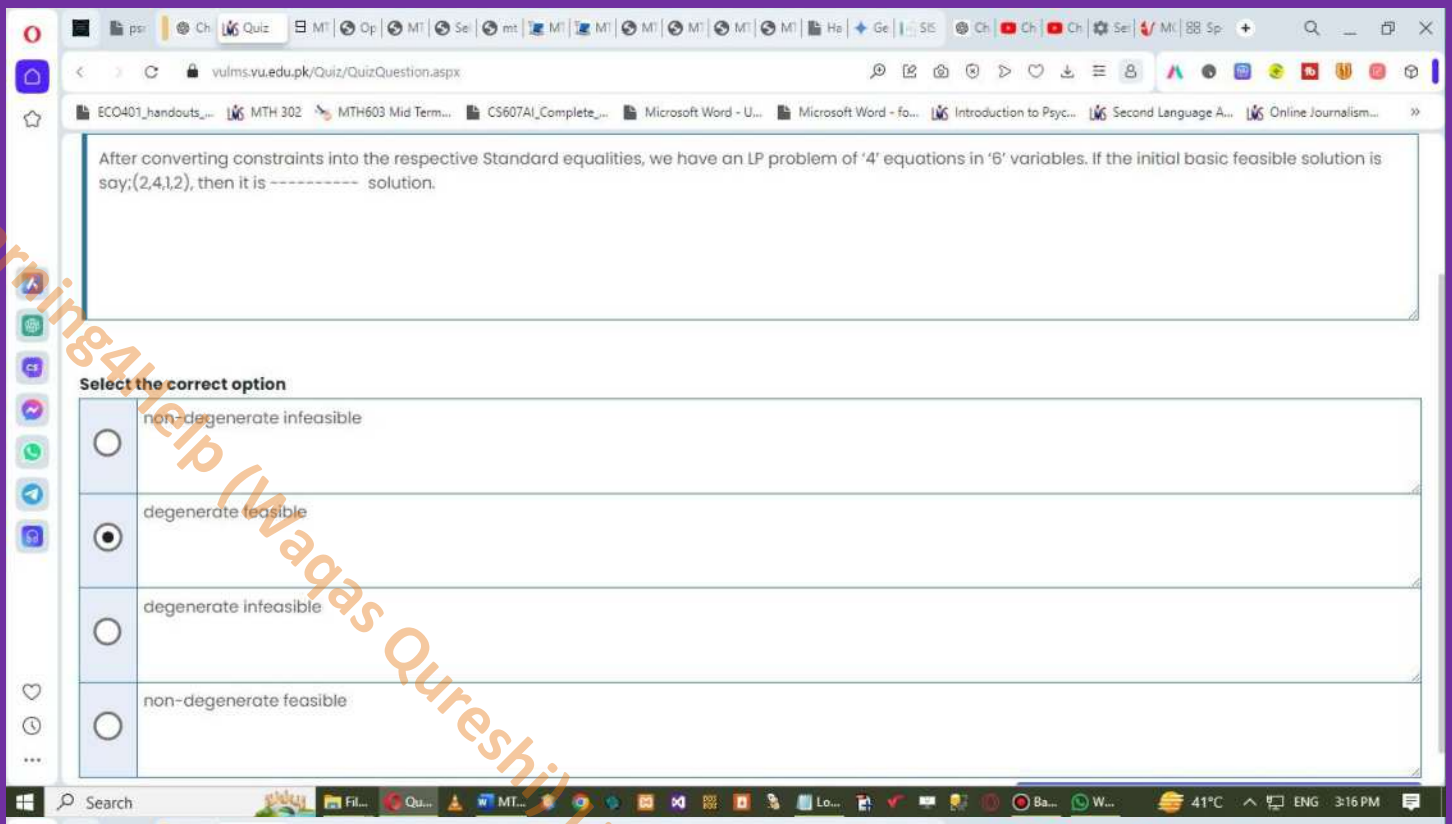

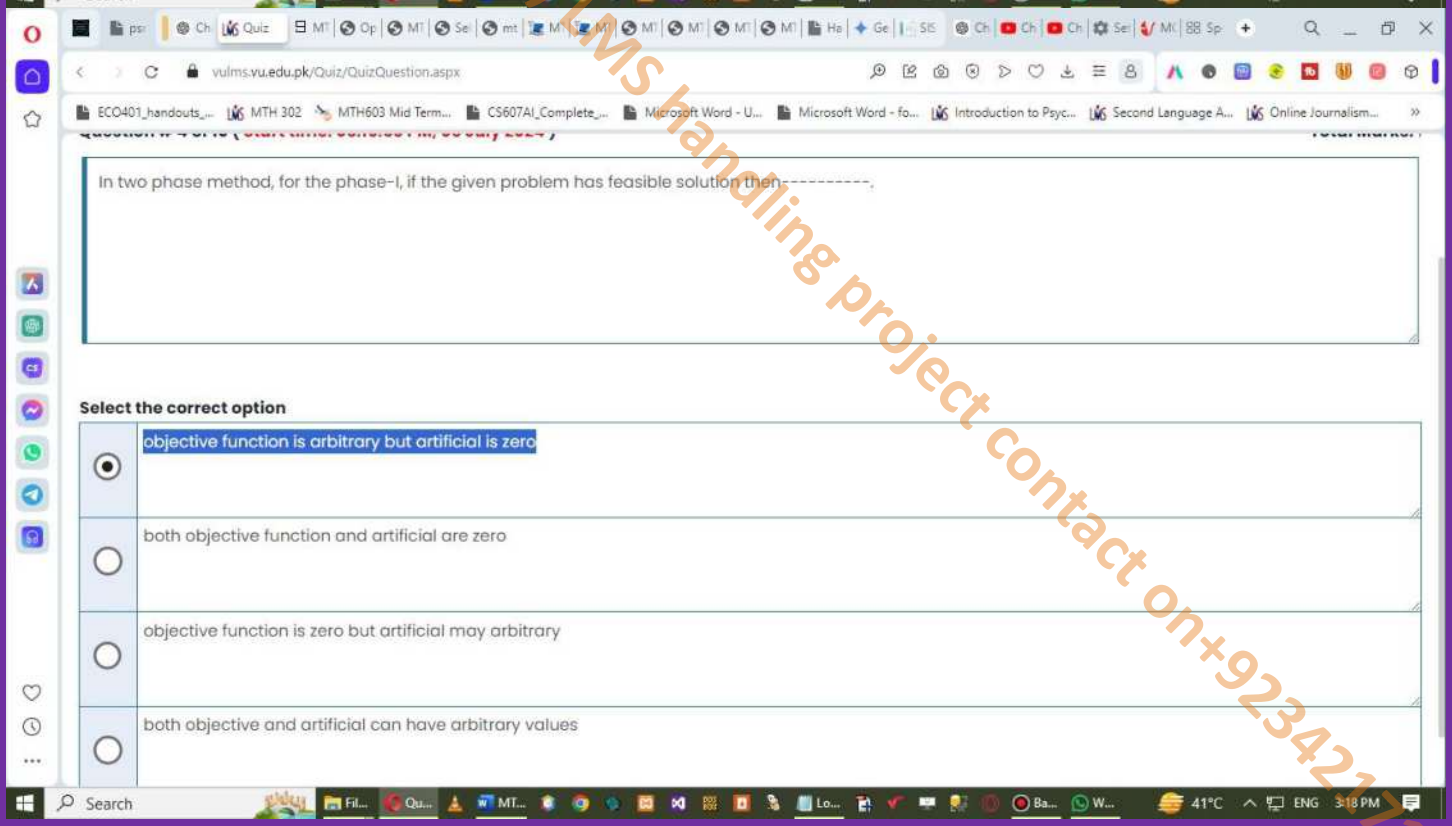

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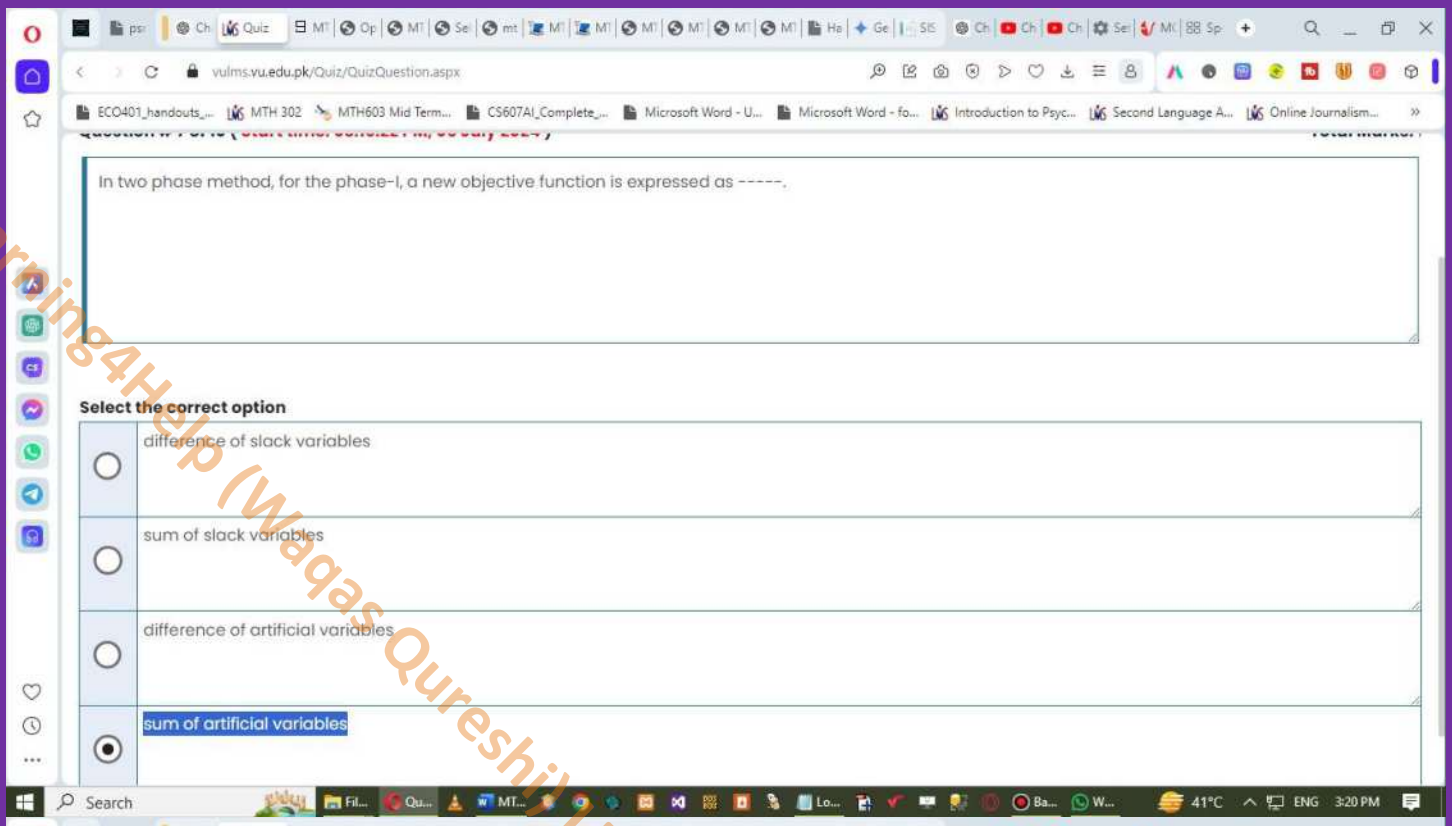

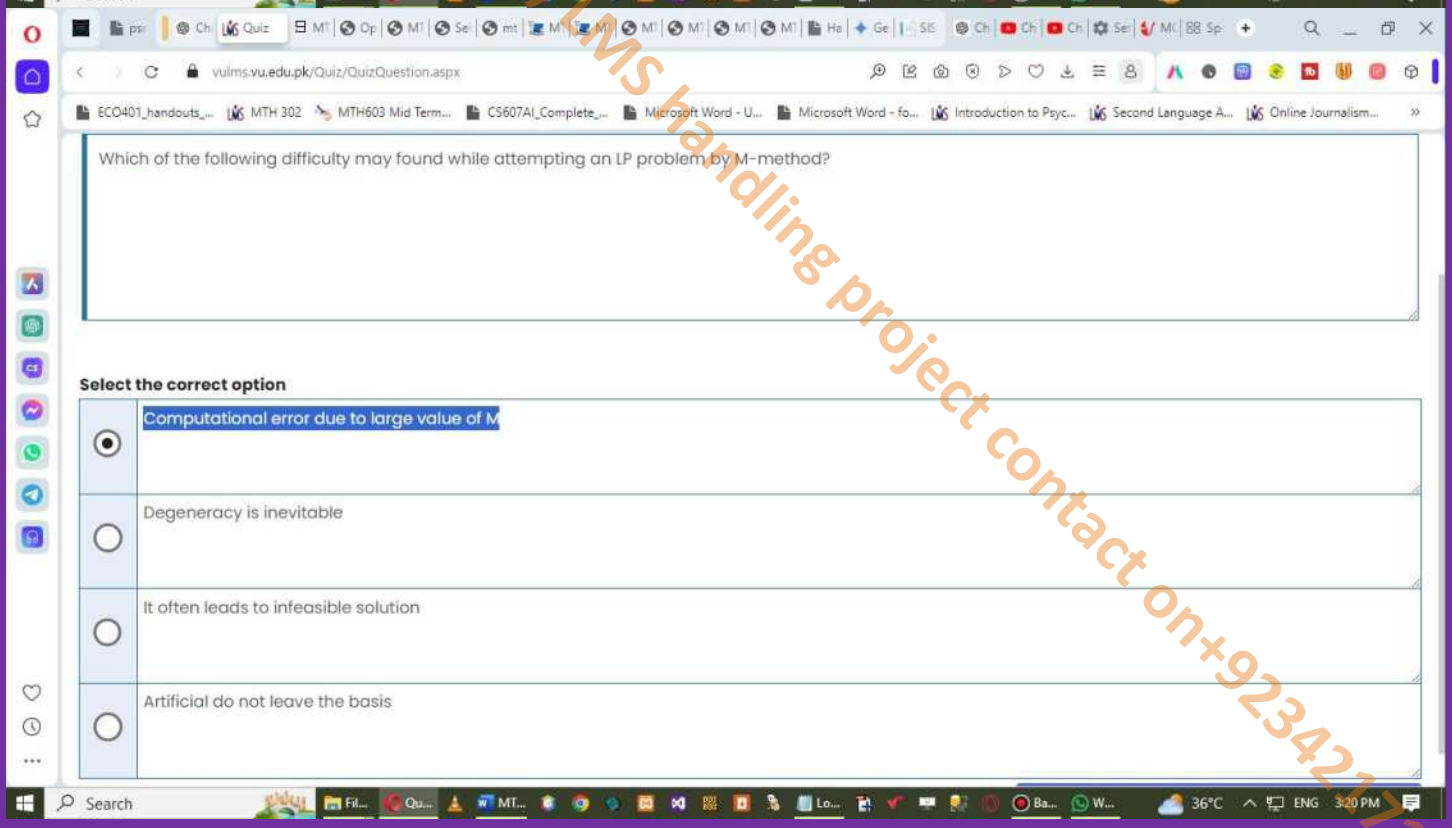

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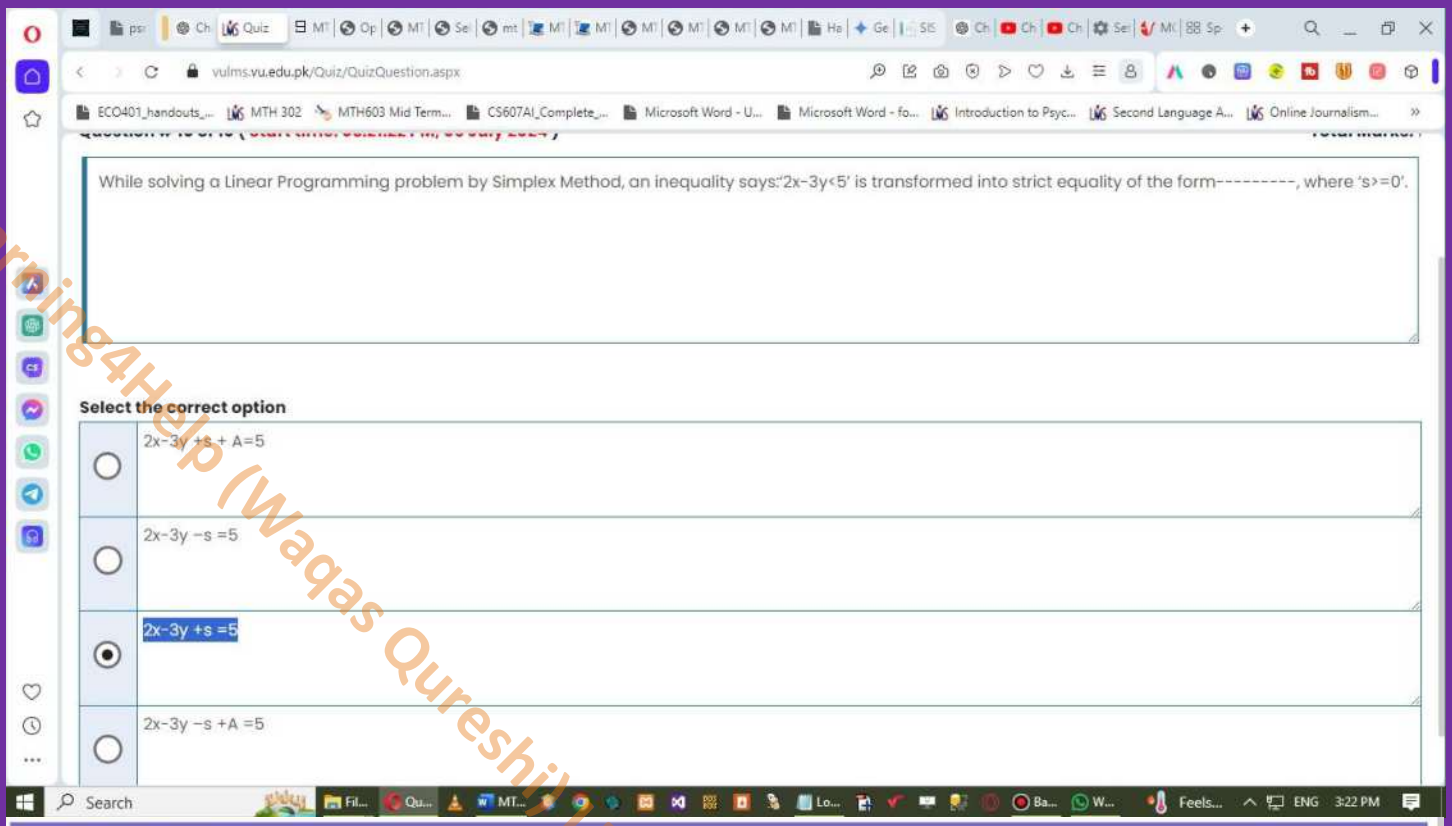

MTH601 - Operations Research (Quiz 3) **Total Questions :10**

Please read the following instructions carefully!

1. Quiz will be based upon Multiple Choice Questions (MCQs).

2. You have to attempt the quiz online. You can start attempting the quiz any time within given date(s) of a particular subject by clicking the link for Quiz in VULMS.

3. Each question has a fixed time of 90 seconds. So you have to save your answer before 90 seconds. But due to unstable internet speeds, it is recommended that you should save your answer within 60 seconds. While attempting a question, keep an eye on the remaining time.

4. Attempting quiz is unidirectional. Once you move forward to the next question, you can not go back to the previous one. Therefore before moving to the next question, make sure that you have selected the best option.

5. **DO NOT** press **Back Button** / **Backspace Button** while attempting a question, otherwise you will lose that question.

6. **DO NOT** refresh the page unnecessarily, **specially** when following messages appear
   Saving...
   Question Timeout: Now loading next question...

7. **Javascript MUST be enabled** in your browser; otherwise you will not be able to attempt the quiz.

8. If for any reason, you lose access to internet (like power failure or disconnection of internet), you will be able to attempt the quiz again from the question next to the last shown question. But remember that you have to complete the quiz before expiry of the deadline.

9. If any student failed to attempt the quiz in given time then no re-take or offline quiz will be held.

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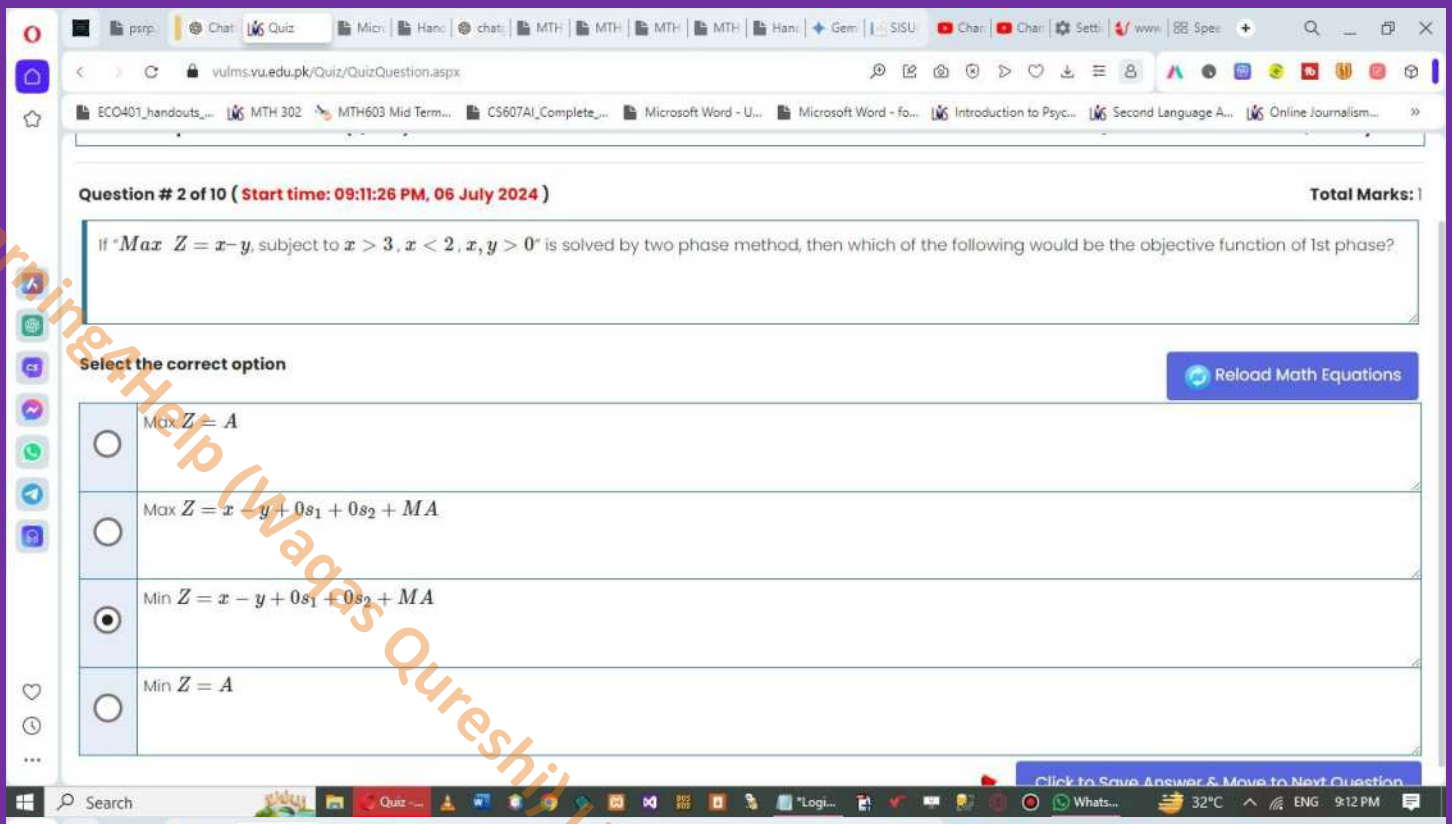

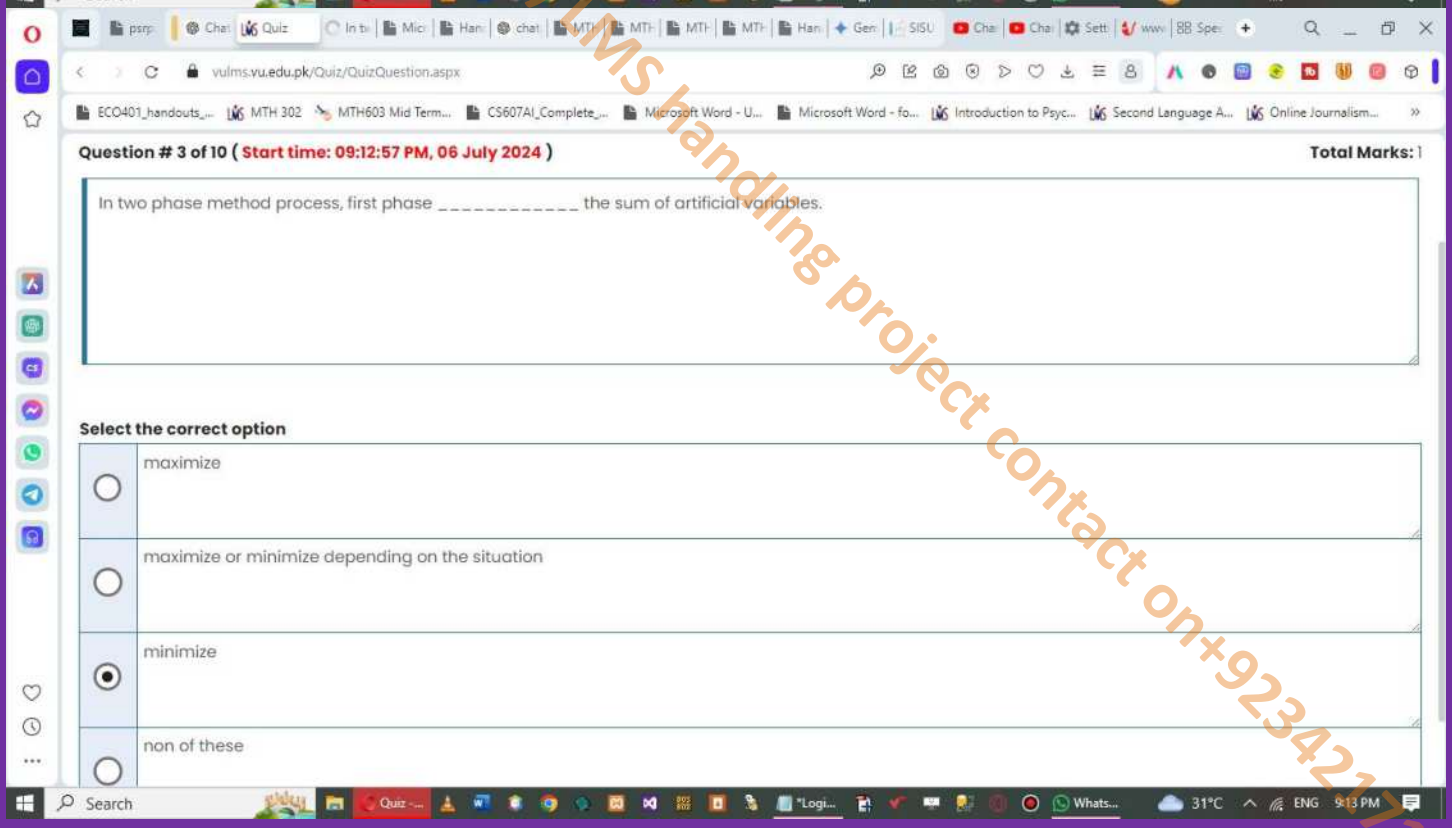

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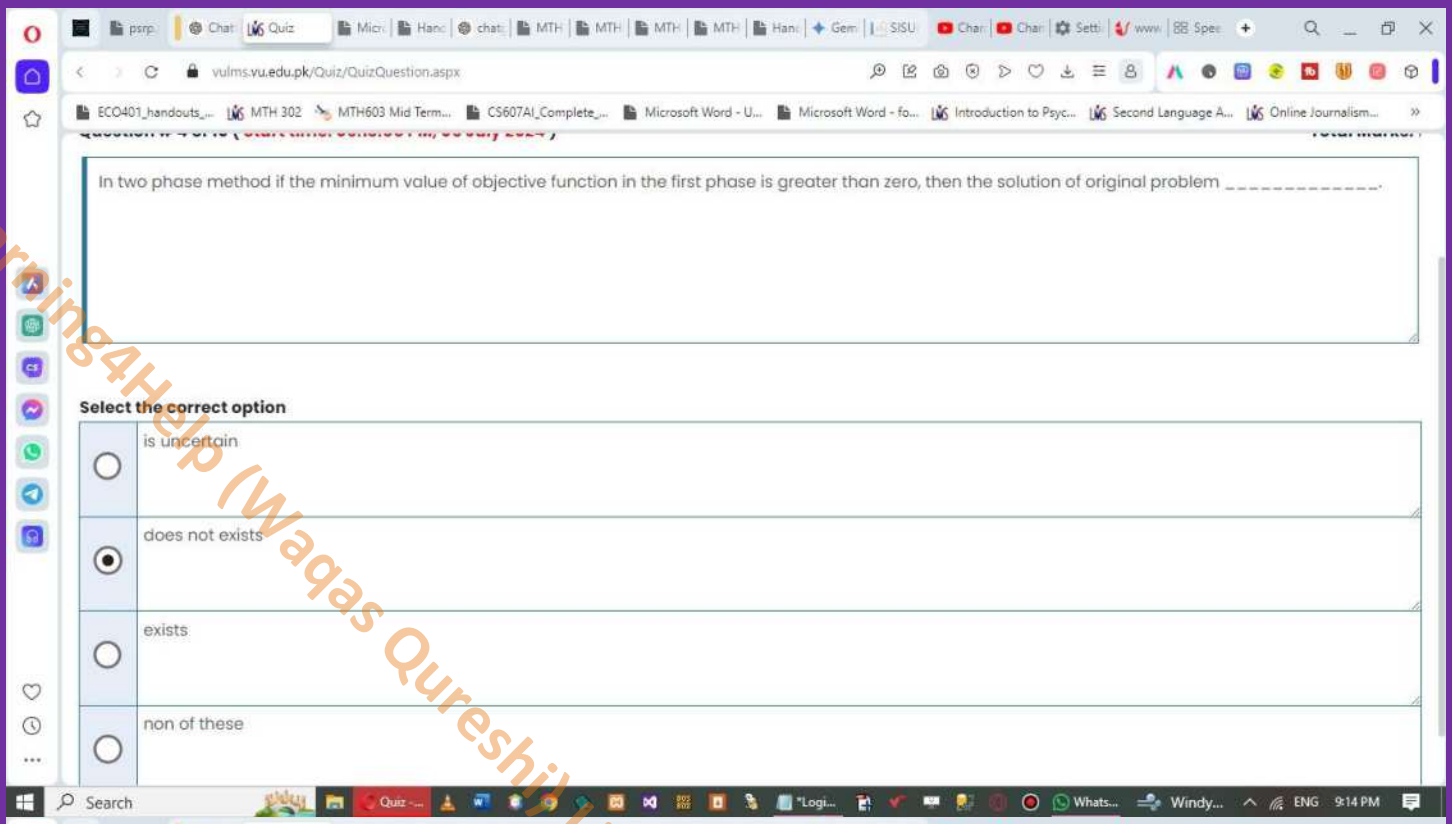

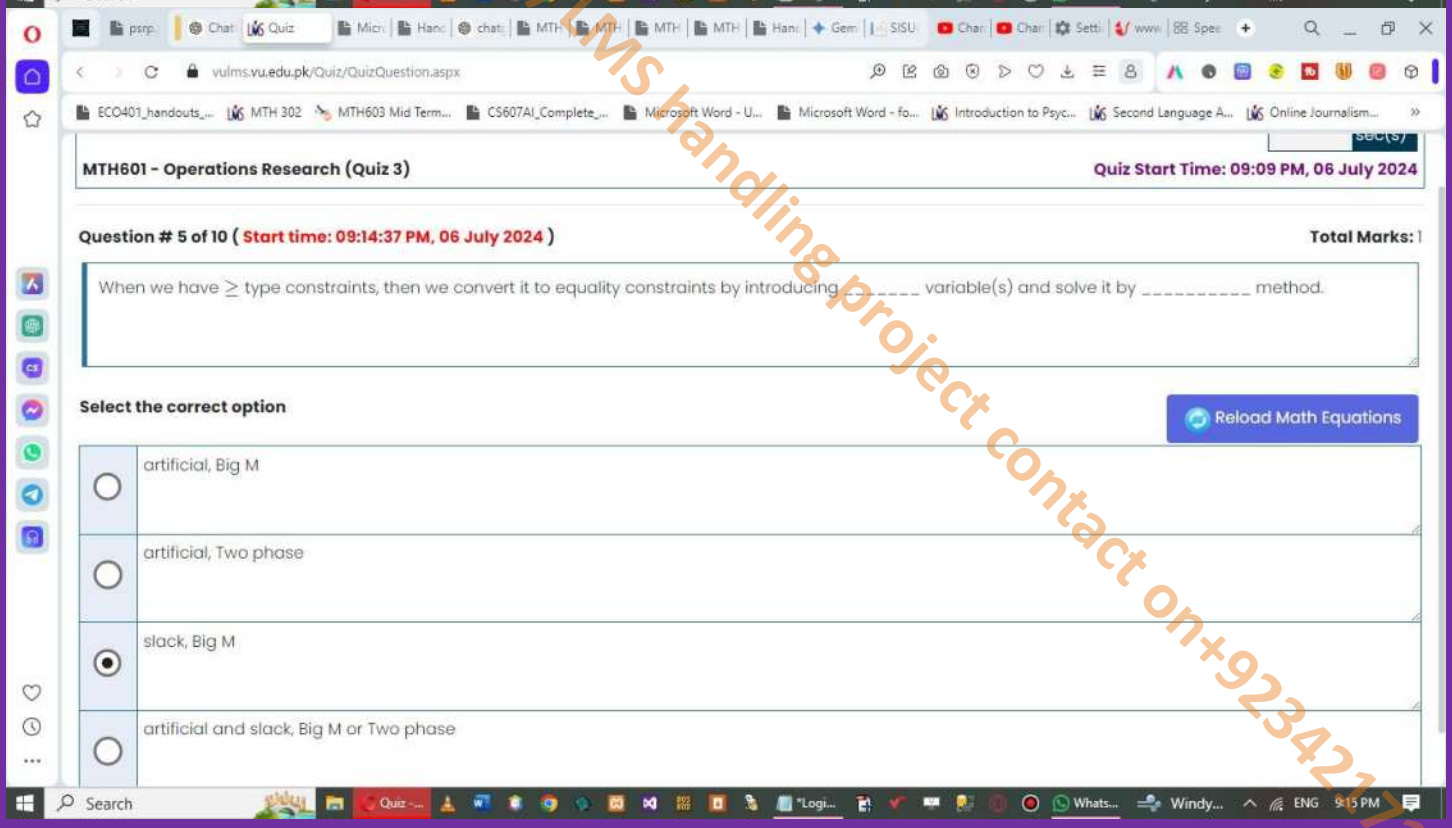

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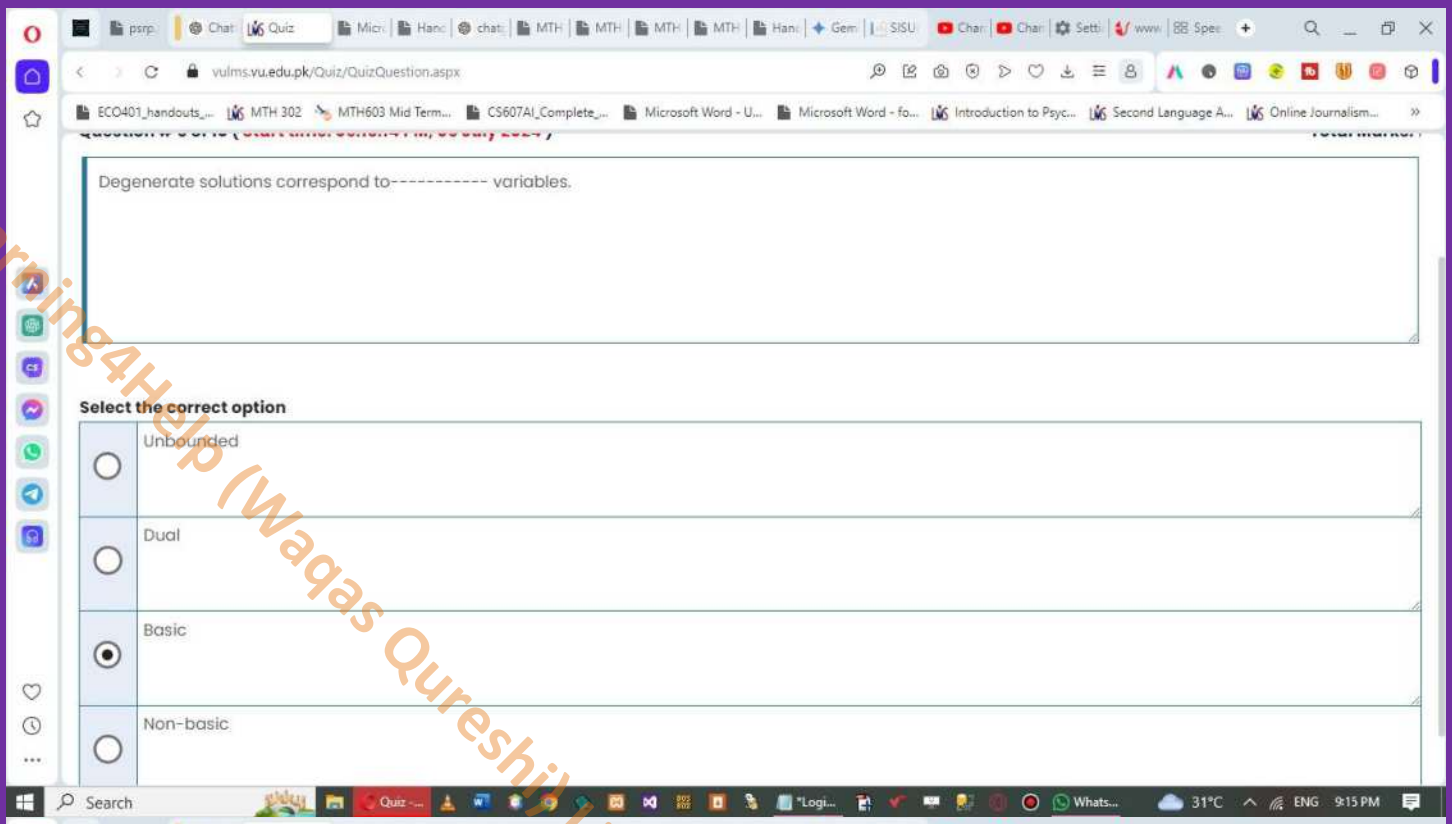

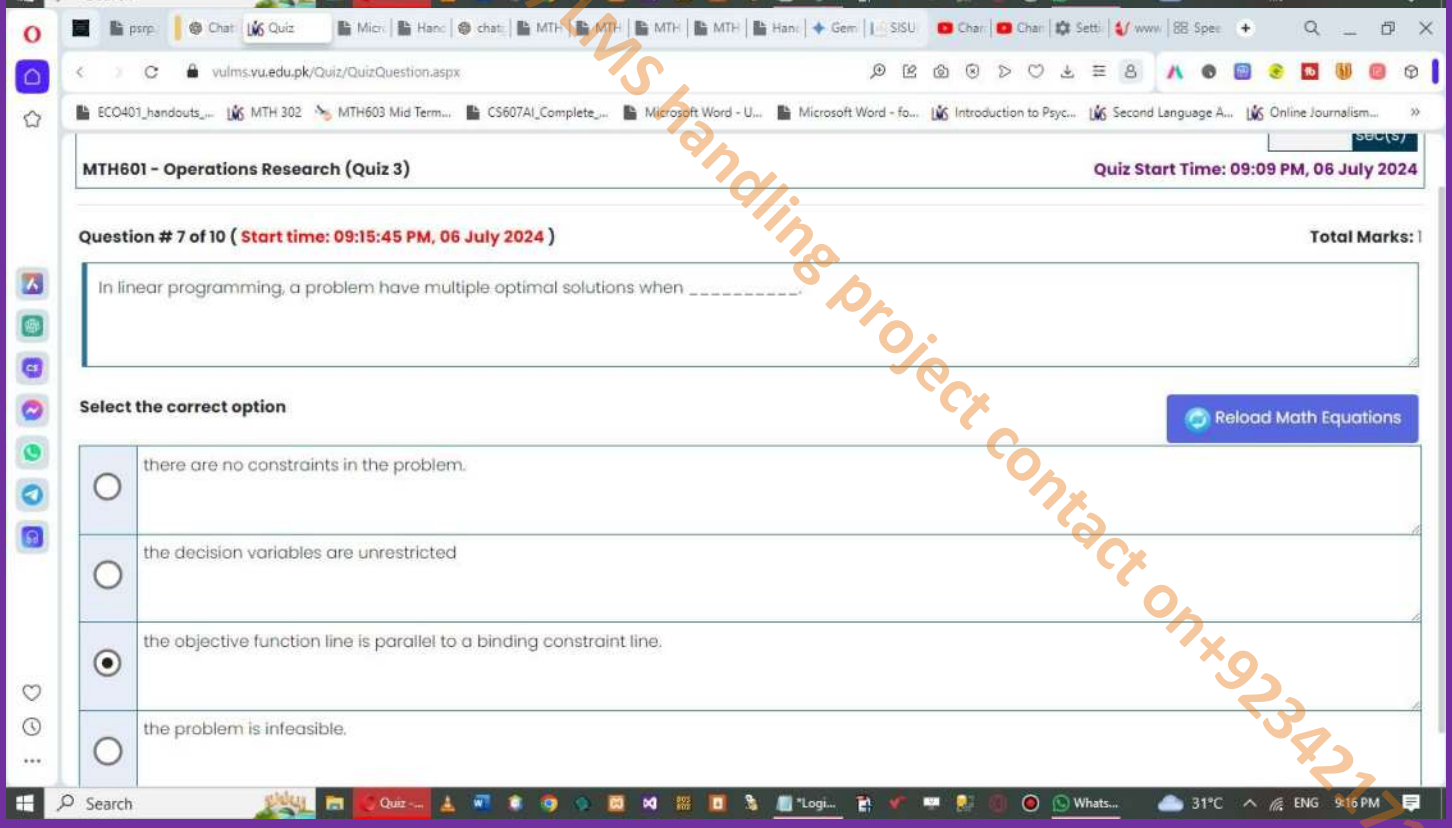

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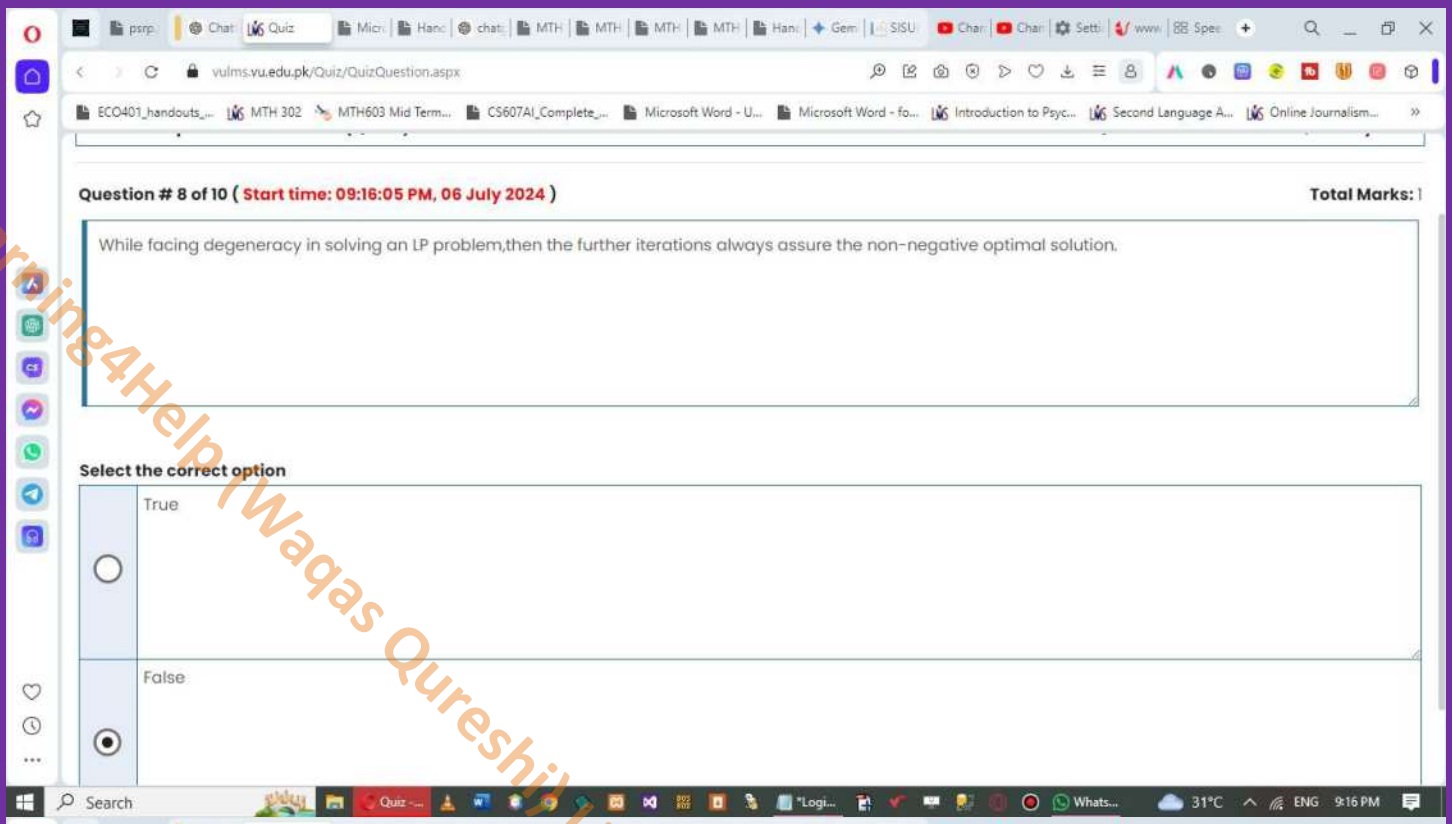

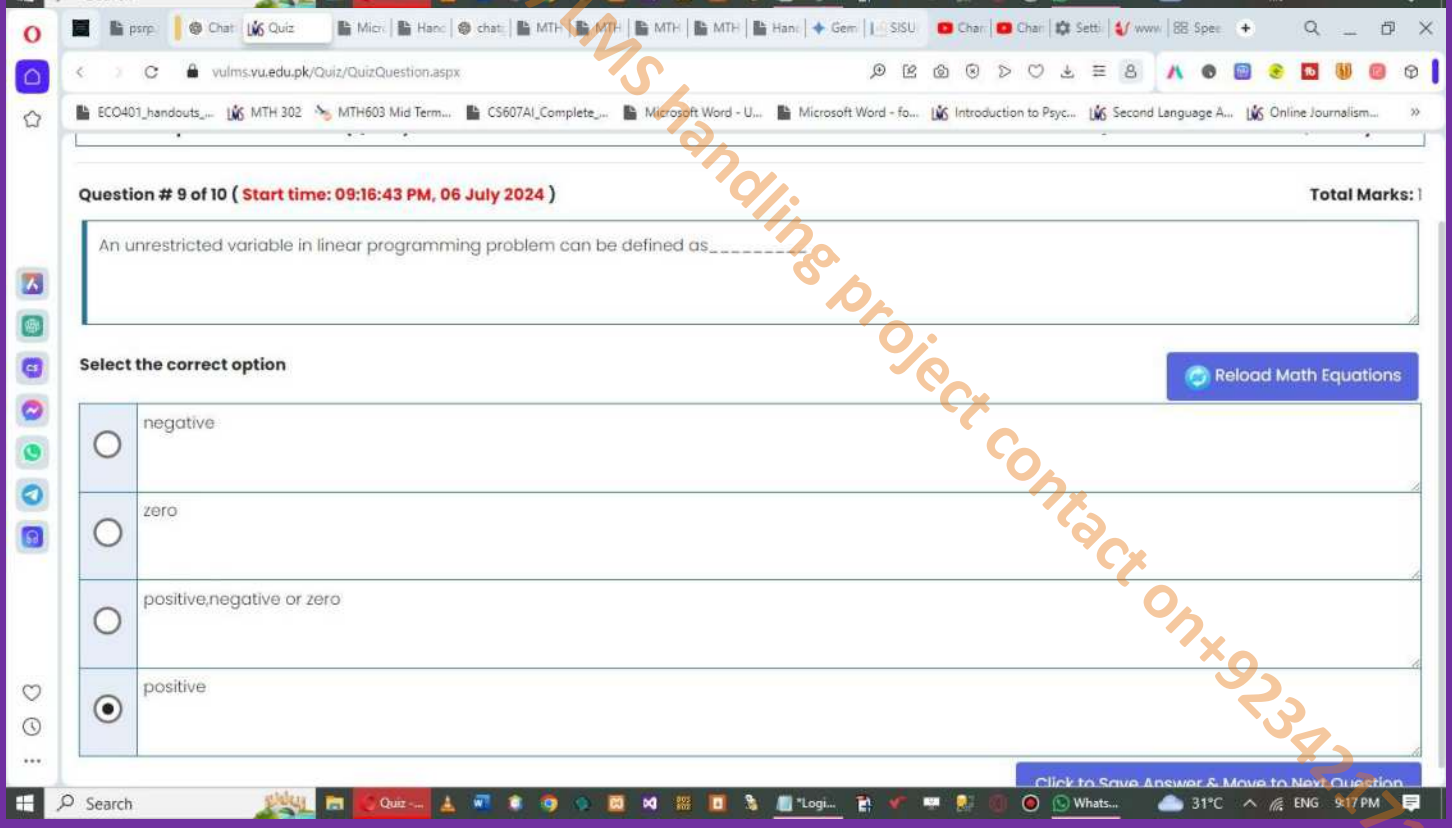

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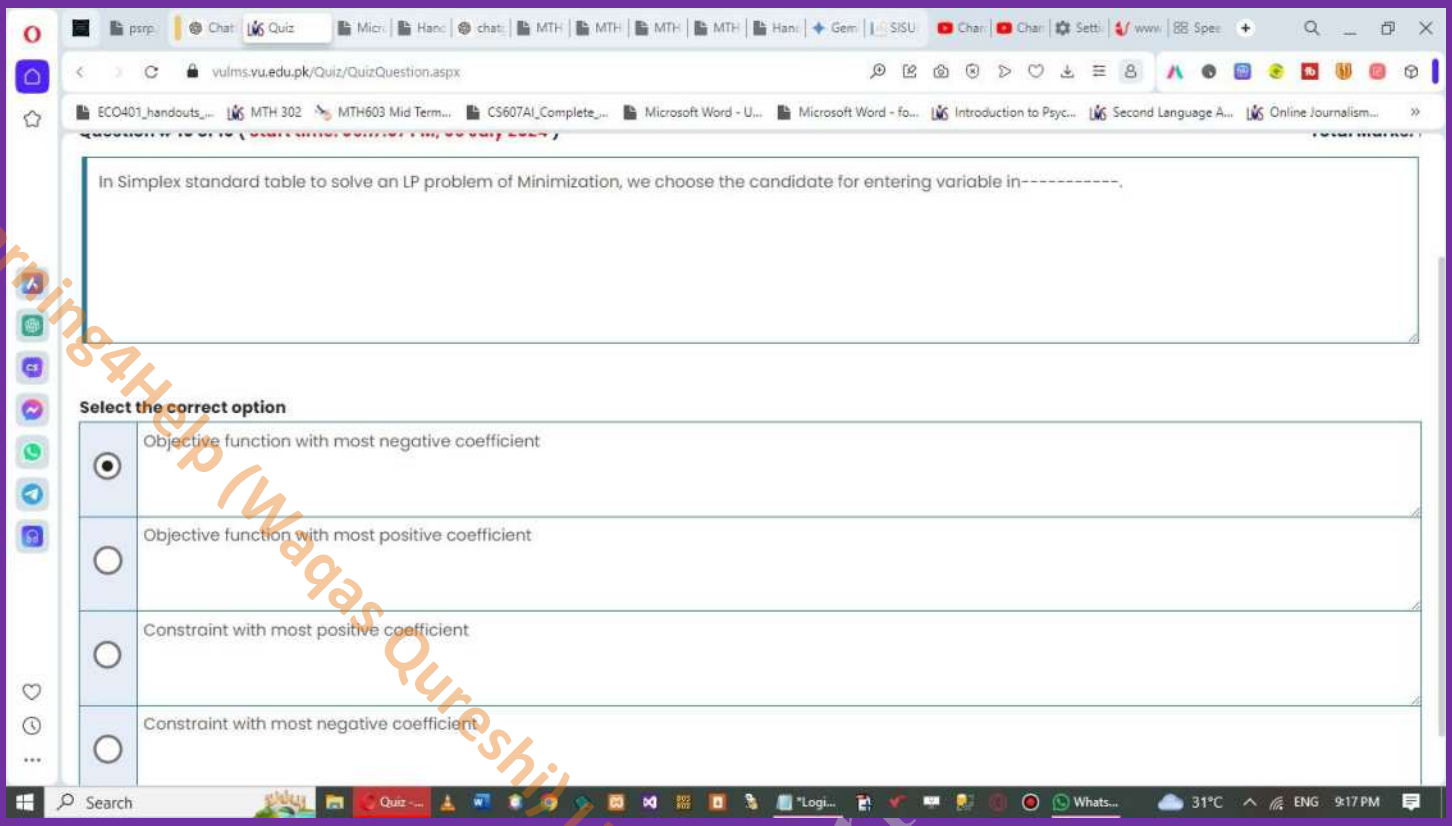

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