PrashnaSetu

Think. Compete. Conquer.

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Introduction

PrashnaSetu is a **modern quiz management system** designed for educational institutions, blending traditional assessments with modern digital evaluation. Built using **JavaFX**, it offers secure, scalable, and user-friendly solutions for educators and students.

Purpose and Primary Features

Purpose:

- Facilitate secure quiz administration

- Enable real-time monitoring for academic integrity

- Streamline quiz creation/management

- Generate robust performance analytics

- Support hierarchical user management (Admin, Instructor, Proctor, Student)

Key Features:

- Multi-role access control (RBAC)

- Advanced quiz engine: supports images, mathematical expressions

- Real-time proctoring/monitoring

- Detailed analytics and export capabilities

- Secured authentication

- Academic integrity tools: time limits, randomization, etc.

Starting the Application

1. Locate PrashnaSetu Executable file:
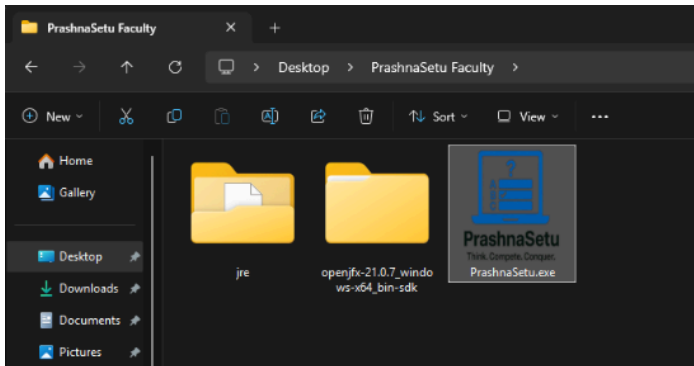
2. Run the executable file, upon running it the Role Selection screen will appear:
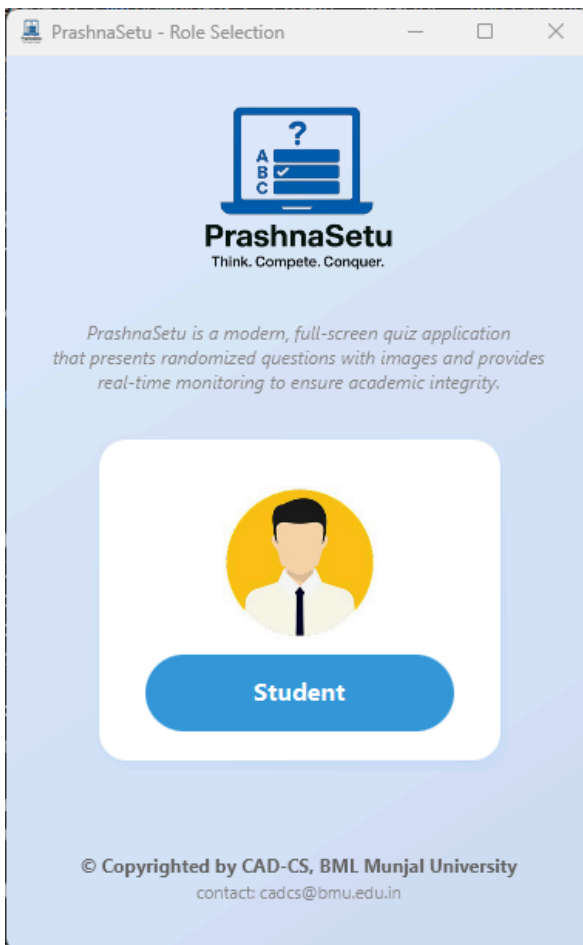
3. On the Role Selection Screen, select Student. This will redirect Available Quizzes Screen.

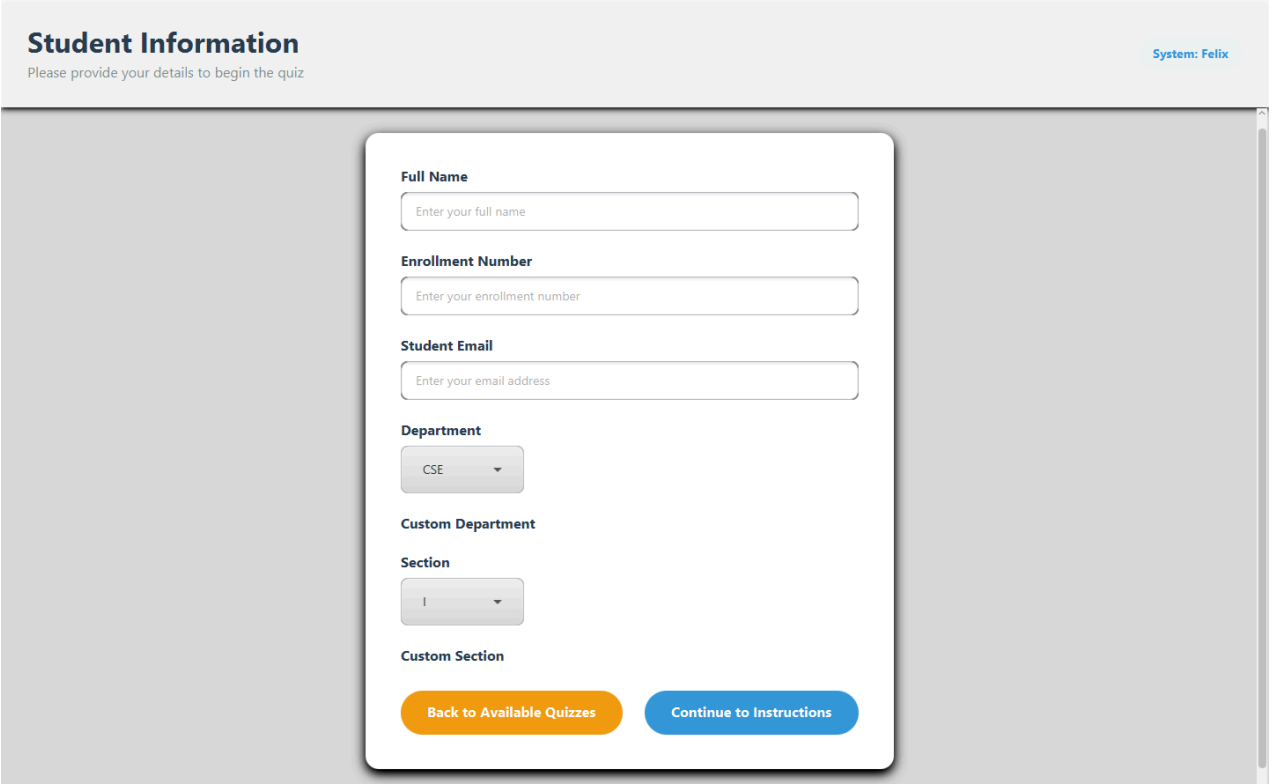| Quiz Code	Quiz Title	Subject	Program	Session	Time Limit	Action
New_Quiz_Code	Quiz-I	Network Analytics	BTech_Sem-II CSE I, III, II	2024-2028	5	Start
4M8KZE	Python Test	Python	BTech_Sem-III CSE I, II, III, I...	2024-2028	15	Start
ghrr	Quiz-I	Network Analytics	BTech_Sem-I CSE I, III, II	2024-2028	5	Start
TJL505	Mid Sem Quiz-I	DSA	Btech CSE I, II, III	2024-2028	10	Start
THHY5	Quiz-I	Network Analytics	BTech_Sem-II CSE I, II, III	2024-2028	5	Start

4. To begin the quiz, click the **Start** button. This will open the **Student Information** window. Fill in the following details to proceed:

- **Student Name**
- **Enrollment Number**
- **Email ID**
- **Department** (select from dropdown)
- **Section** (select from dropdown)

Once all fields are completed, click **Continue to Instructions** to continue to the Instructions Screen.

5. Read all instructions carefully. Mark the tickbox acknowledging that you have read and understood all instructions, and click the **Continue to Quiz** button to continue to Time Allotment Screen.

6. This is the time allotment screen. Ensure you are not connected to the Internet and take note of the time you will be provided to complete the quiz, and click the **Start Quiz** button.

Quiz Time Allotment
Review your quiz details and time allocation

15 minutes

Important Notes
• Quiz can only be taken offline. Ensure internet is not connected.
• If an internet connection is detected during the quiz, the session will be blocked.
• The quiz will automatically submit when time expires

🚀 Start Quiz Now

Back to Instructions
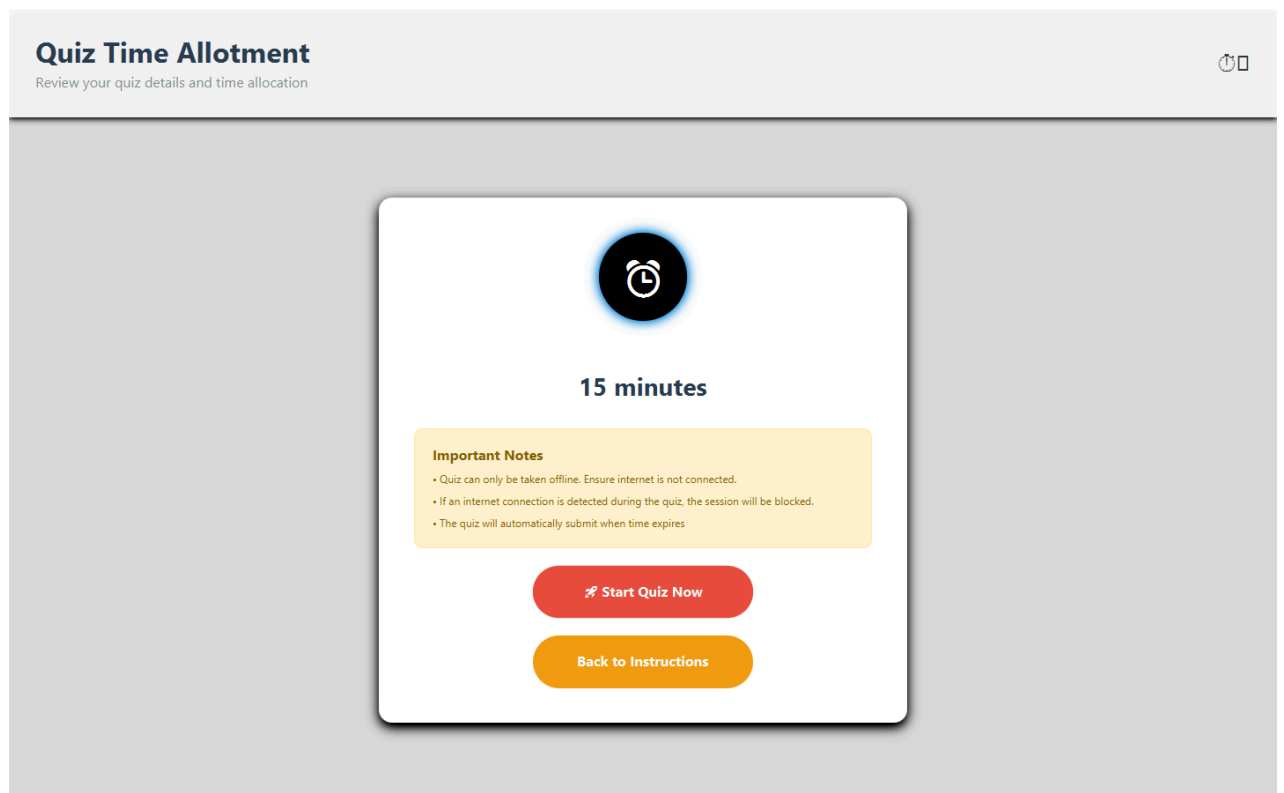
7. If you are connected to the internet, the following screen will appear. Disconnect from the internet and click **Recheck Connection** and afterwards click **Start Quiz.**
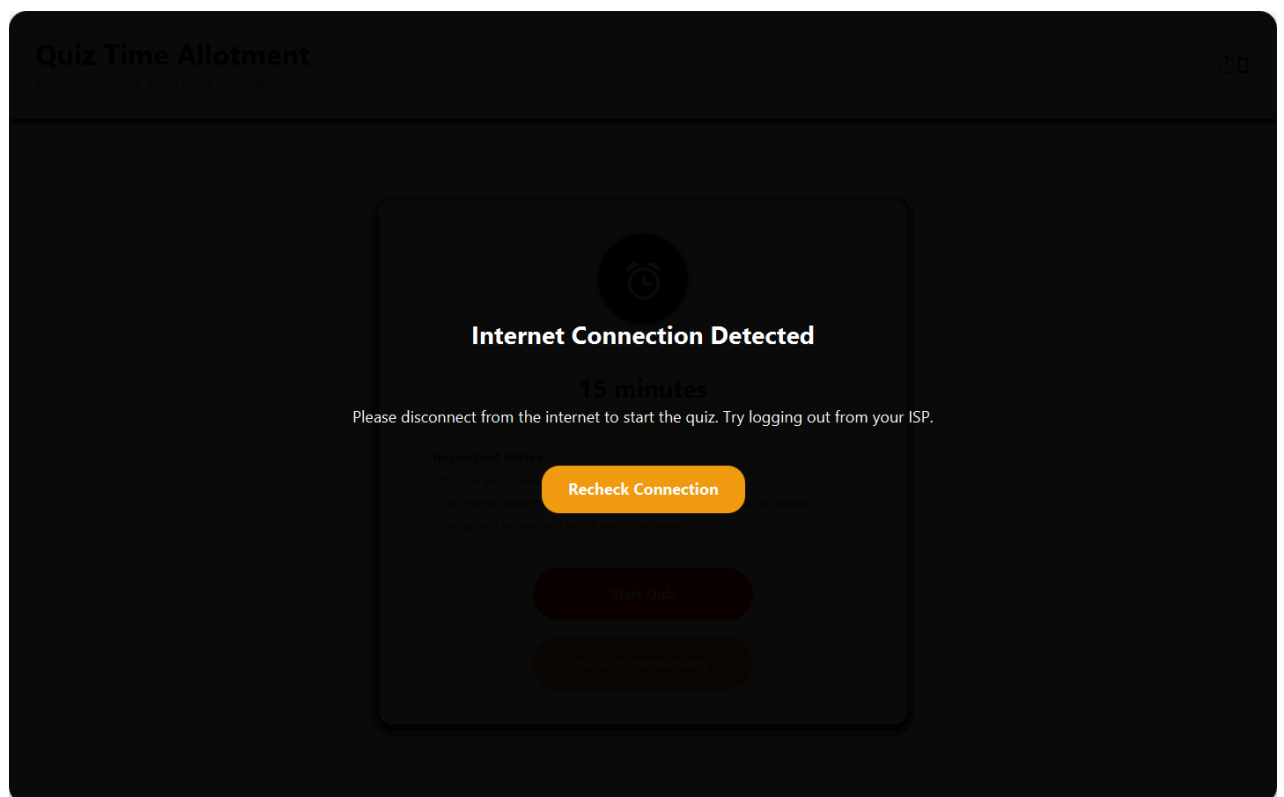
8. Your quiz has started. Do not partake in any cheating or use any unfair means. Keep note of the remaining time. Do your best to attempt the quiz.

📝 **Question**

What will be the output of the following code?

```
def func(x, y=[]):
    y.append(x)
    return y

print(func(1))
print(func(2))
```

🎯 **Select Your Answer(s)**

[1] and [2]

[1] and [2,1]

[1] and [1]

[1] and [1, 2]

← Previous   Next →

⏱ **Time Remaining**

14:32

Question Navigator

L	M	M	M	H
1	2	3	4	5

L	L	H	H	M
6	7	8	9	10

📖 **Difficulty Legend**
L stands for low difficulty
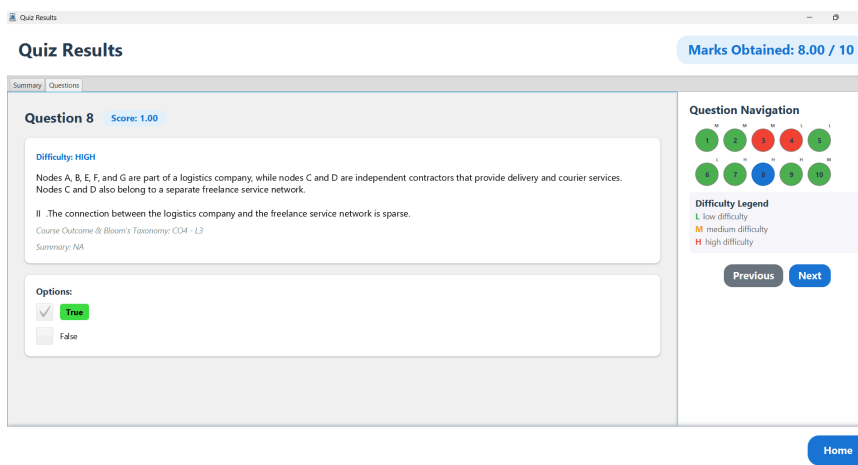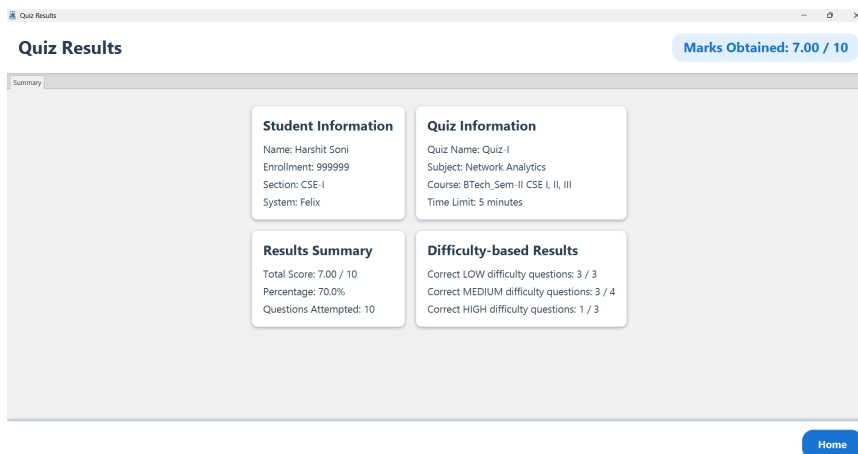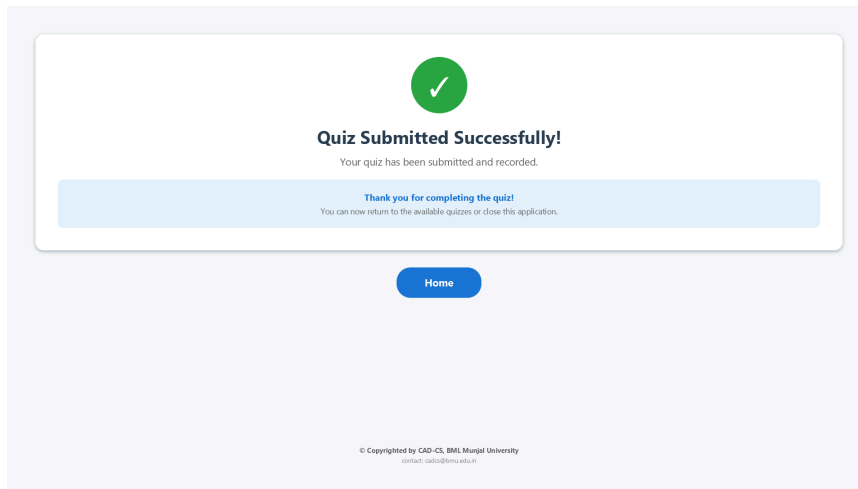M stands for medium difficulty
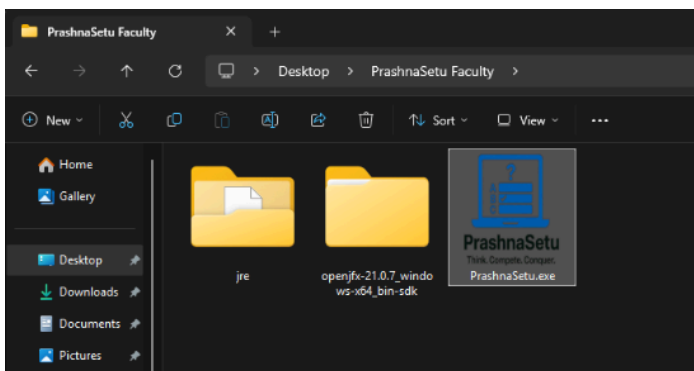H stands for high difficulty

← Prev   Next →

Submit Quiz ✓

9. Upon submitting the quiz, results may be displayed immediately or later—depending on the quiz settings configured by the instructor.
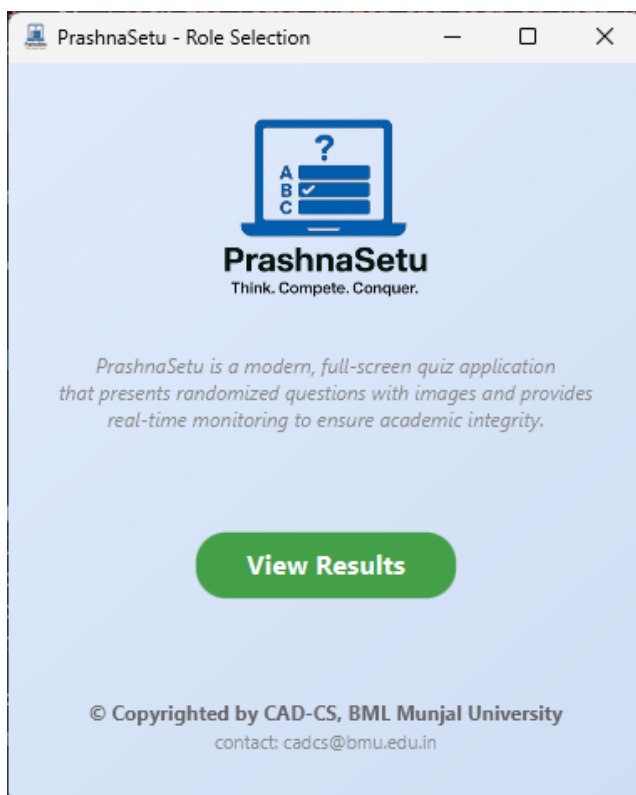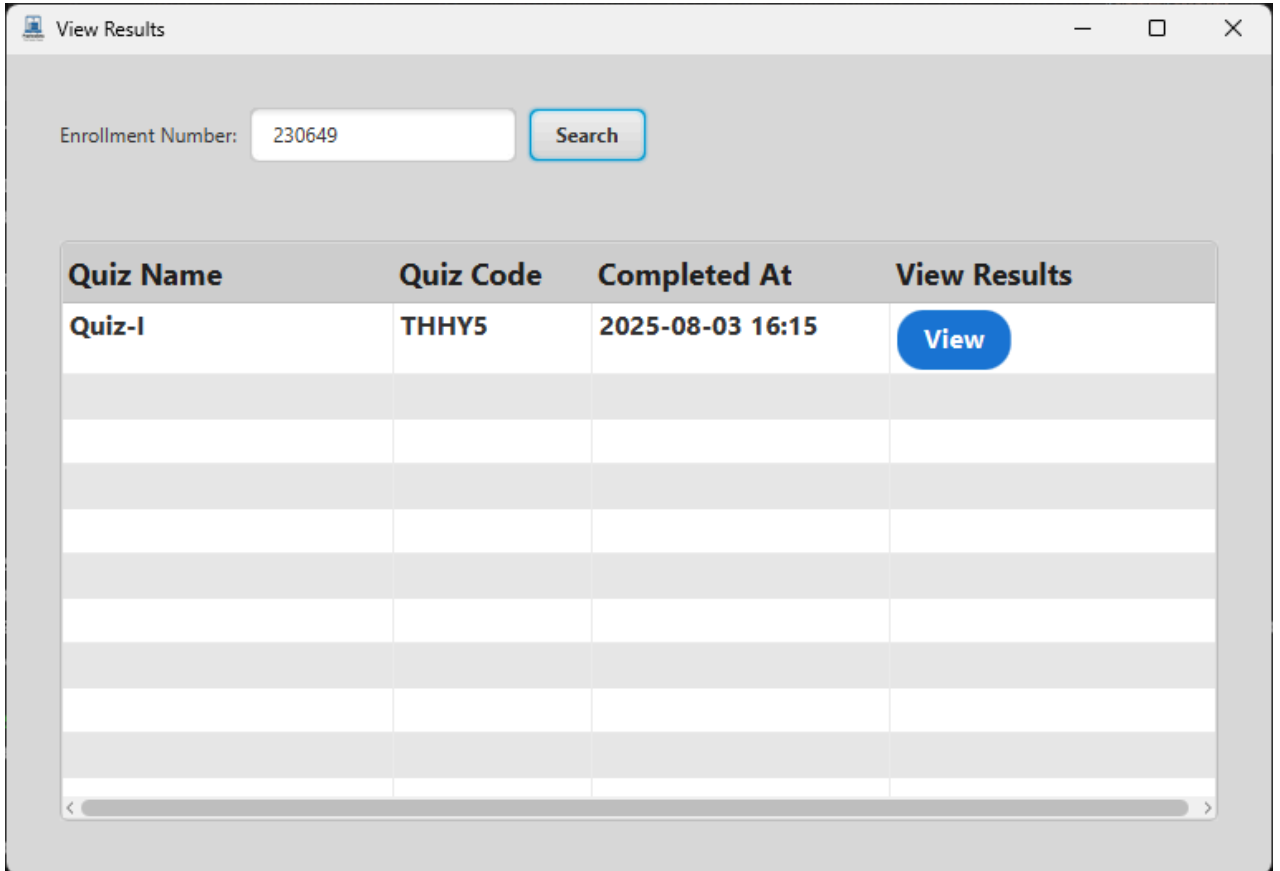
Results

1. Extract the distributed zip

2. Locate PrashnaSetu Executable file:

3. Click the **Results** button.

4. In the Input Field at the top enter your **Enrollment Number**.

5. All past results will be displayed. Click on the **View** button to view your results.

Contact & Support

If you encounter any issues while using PrashnaSetu or need assistance with setup, monitoring, or troubleshooting, please reach out through the following channels:

- **Primary Contact:** Center for Advanced Data and Computational Science BMU

- **Email:** cadcs@bmu.edu.in

- **Department:** CAD-CS, BML Munjal University

- **Secondary Contact:** Harshit Soni

- **Email:** harshit.soni.23cse@bmu.edu.in

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