

Mid Exam Java Introduction :

1. Briefly explain what is meant by Back End in software development.
2. What is the role of Back End in providing services and logic for web or mobile applications?
3. Name some common programming languages used in Back End development, and explain why they were chosen.
4. What are the technical skills required by a Back End, and why are they important?
5. Why is IntelliJ often chosen as the development environment for Java projects?
6. Describe the basic steps to start developing a Java project using IntelliJ IDEA.
7. What is the Java programming language, and why is Java one of the most popular programming languages?
8. What is the life cycle of a Java programme from code writing to execution?
9. What is the difference between Java Virtual Machine (JVM), Java Runtime Environment (JRE), and Java Development Kit (JDK)?
10. Describe the role of each component in the Java ecosystem, and how they interact with each other to run Java programs?

Exam Submission Guidelines

1. Collection Method
 - a. This exam will be collected through GitLab using your personal repository.
2. Collection Instructions:
 - a. Create a new repository in your personal GitLab account to store the exam.
 - b. Upload all the required exam files into the repository.
 - c. Make sure the directory structure matches the instructions given in the exam.
 - d. When you are done uploading, get the URL of your GitLab repository.
3. Repository URL Submission:
 - a. Submit your GitLab repository URL to the available LMS.
 - b. Subject should include "[Course] - [Your Name]-[MID/Final]".
4. Late Submission Policy:
 - a. Exams submitted after the deadline will not be accepted, unless there is prior approval from the instructor.
5. Additional Notes:
 - a. Be sure to adhere to any special instructions given in the exam.

If you experience any difficulties or have any questions, please feel free to contact the instructor via email