**Modern Programming Languages**

Assignment No. 1

**Rules**

1. Deadline: 10 October 2023
2. Only hand-written assignment is acceptable
3. Copy-paste not allowed
4. ChatGPT and other online tools are not allowed to finish the assignment

**Question No. 1** Enlist major features of the Java

**Question No. 2** How Java differs from C++ and C#

**Question No. 3** Define the following

* JDK
* JRE
* JVM
* Byte-Code

**Question No. 4**  Write complete flow-diagram for Java programming compilation and executing

**Question No. 5** How was Java evolved

**Question No. 6** What are different OOP concepts supported in Java. Define each concept in two lines

**Question No. 7** Who developed Java? Who was the team leaders of that project? Which corporation is currently owning the Java?

**Question No. 8** What are the various application domain, where Java language has been adopted.

**Question No. 9** What are the various Java tools (IDE) available for creating and developing Java applications?

**Question No. 1**0 What are the various types of application that can be developed using Java