



**INSTITUTE OF SOFTWARE ENGINEERING**

**GRADUATE DIPLOMA IN SOFTWARE ENGINEERING**

**ASSIGNMENT NAME**

Programming fundamentals

**ASSIGNMENT NO**

01

NUMBER OF QUESTIONS: 10

NUMBER OF COMPLETED QUESTIONS: 00

NUMBER OF REMAINING QUESTIONS: 00

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BATCH NO: 61

1.
  - a. java Example(byte code)
  - b. javac Example.java(Source code)
  - c. .java
  - d. .Class
  - e. bytecode
2. Source code convert to byte code
3. A program written by Java can run on any operating system, and a program written in C is the only operating system on which the program is written.
4. Yes, The Program can be run by loading the Byte code file from the JVM associated with the operating system
5. OS converts Human readable codes directly into machine language, JVM converts Byte code into machine language
6. Meaning of compile is The programmer readable code file converting to bytecodes, That is what is needed to Convert to source code to Bytecode
7. Step 1: Open CMD in working Directory
  - Step 2: Request a Source code file
  - Step 3: Type and save your source code
  - Step 5: Compile the source code
  - Step 6: Run the program using Linux JVM

8.

- Absence of the word **Public** in the main method
- Missing box brackets **[]** in brackets in the main method
- Missing **(String args[])** command
- Using capital letter to write main method
- Missing box brackets near the **args** in the main method

9. Its mean Run the byte code file using JVM

Java – JVM

Example – Byte code file

10. A

G