

- 1). What are the differences between Object Oriented and Procedure Oriented approaches?
- 2). Compare and contrast JDK, JRE and JVM?
- 3). Write a Hello World program with java syntax.
- 4). Follow the steps and get the Output.
 - a) Log on to your PC command prompt.
 - b) Create a directory called “JAVA1” in your Desktop (Using the Command Prompt); [hint: mkdir]
 - d) Open an editor (e.g. Notepad, Notepad++) and type the code to get “Hello World” Output and save the document as HelloWorld.java inside the created directory.
 - C) Compile your program using the CMD

Output:

```
C:\Users\Eshana\Desktop\JAVA1>java HelloWorld
Hello World!
```

5.)

I)

Launch the NetBeans IDE

- i) In the NetBeans IDE, choose File, New
- ii) Choose New Project
- iii) In the Name and location page of wizard, do the following
 - In the Project Name field, type ***Hello World App***.
 - In the Create Main Class field, type ***helloworldapp.HelloWorldApp***.

II) Create a class called ***Hello*** that includes ***name*** variable (type String). Create a main class that called ***Test***. Using these two classes implement the “Hello Wold” output.

06).

i) What's wrong with the following program?

```
public static void main(String args[]) {
    int a = 20, b = 10;
    My_Calculation demo;
    demo.addition(a, b);
    demo.Subtraction(a, b);
    demo.multiplication(a, b);
}
```

```
    }  
}
```

ii) Modify the following class so that the two instance variables are private and there is a getter method and a setter method for each instance variable:

```
public class Player {  
    String name;  
    int index;  
}
```