

Assignment

Feb19/ CPP/Assignment

Java Technology I

Post Graduate Diploma in Advance Computing

February 2019

Q1. Write a Java program to print 'Hello' on screen and then print your name on a separate line.

Q2. Write a Java program to print the sum of two numbers.

Q3. Write a menu driven program to do addition, subtraction, multiplication, division.

Q4. Write a Java program that takes a number as input and prints its multiplication table upto 10.

Q5. Write a java program, to print the greatest number out of three.

Q6. Write a Java program that takes the user to provide a single character from the alphabet. Print Vowel or Consonant, depending on the user input. If the user input is not a letter (between a and z or A and Z), or is a string of length > 1, print an error message.

Q7. Write a class Student having Private attributes called

int rollNo;

String studentName;

boolean isExperienced ;

Write No argument and parameterized constructor and two public methods as

1. ShowStudentInfo

2. SetExperienced (boolean b)

Q8. Write a Java program to assign for a distance (in meters) and the time was assigned (as three numbers: hours, minutes, seconds), and display the speed, in meters per second, kilometers per hour and miles per hour (hint: 1 mile = 1609 meters)

Q9. Write a program that creates and initializes a four-element int array. Calculate and display the average of its values.

Q10. Create a file Galaxy .java which has Galaxy, earth, Jupiter, Mars classes.

Observe what will be the scope of above classes and also check how many .class files are created.

Q11. Create four public classes with following Names.

Rose

Lotus

Lily

Sunflower

Check if How many source files are required. What will be their names.

And How many .class files are created.