JAVA PROGRAMMING ASSIGNMENT – 1

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- Batch:- 216

1 What is Java and why is it platform-independent

➜java is a language with the help of we can write a code and we can develop is different different type of application which can make human life easy also enough the productivity. Additional Java is a not a platform dependent language because it is work on any laptop like windows, mack, linex , etc.

2 Explain the features of Java

➜

- One of the important advantage of java is platform independent language.
- Java is dynamic language which mins it is so fast as compare to any other language.
- Java is a multithread language which mins we can perform multiple task at the same time.
- Java is the fast language as compare to any of other.

3 What is the difference between JDK, JRE, and JVM?

➜

- JVM is the stand for java virtual machine
- JVM convert bite cod in to the machine readable langue
- JVM is provide make java platform indipend

- JRE stand for JAVA RUNTIME ENVORMENT.
- With the help of JRE we can reun the cod which we write .
- With out help of JRE we can not write and run the program.

- ➢ JDK stand for java development kit.
- ➢ Jad is the laboratory where every think is available
- ➢ With the help of JDK we can import different tools for write the program.

4 What is bytecode in Java?

➔ the program is convert in to the computer readable langue at the same time and the program and this language is bytecode. Bytecode is machine readable langue.

5 Explain the concept of object-oriented programming.?

➔ object-oriented programming is the real time oparating language with the help of that we can write the program and make it easy.

- We can organize the program with the help of object and class .
  Class is the blue print to creat a object .
- Object-Oriented Programming is a programming concept that organizes code using objects and classes .

1 Write a program to print "Hello, Java!"

⇨ Import java.util.*;
Public class HelloWordl{

       Public static void main (String[] args){
System.out.println("HELLO WORLD");
}
}

2 Write a program to add two numbers.

```
package demo;

import java.util.*;

public class ClassWork{

        public static void main(String[] args) {

                Scanner sc= new Scanner(System.in);

                System.out.println("=====ENTER THE TWO VALUE FO ADD=====");

                int a = sc.nextInt();

                int b= sc.nextInt();

                int sum = a+b;

                System.out.println("=====THE SUM OF TWO VALUE IS=====>"+sum);

}

}
```

3 Write a program to check whether a number is even or odd.

```java
package demo;

import java.util.*;

public class ClassWork{

        public static void main(String[] args) {


                Scanner sc= new Scanner(System.in);

                System.out.println("=====ENTER THE VALUE TO CHAKE EVEN OR ODD=====");

                int a = sc.nextInt();


                if (a% 2 == 0) {

                        System.out.println("=====THE NUMBER IS EVEN=====");


                }
                else

                        System.out.println("=====THE NUMBNER IS ODD=====");



}
}
```

4 Write a program to find the largest of three numbers.

```java
package demo;

import java.util.*;

public class timepass{

    public static void main(String[] args) {


        Scanner sc= new Scanner(System.in);

        System.out.println("=====ENTER THE THREE NUMBER=====");

        int a = sc.nextInt();

        int b = sc.nextInt();

        int c = sc.nextInt();


        b=a>b?a:b;

        b=c>b?c:b;

        System.out.println("=====Max NUMBER IS====="+b);




    }
}
```

5 Write a program to check if a number is positive, negative, or zero

```java
package demo;

import java.util.*;

public class timepass{

    public static void main(String[] args) {


        Scanner sc= new Scanner(System.in);

        System.out.println("=====ENTER THE NUMBER=====");
```

```java
int a = sc.nextInt();

if (a>0)
System.out.println("=====THE NUMBER IS POSITIVE=====");

else if (a==0)
System.out.println("=====THE NUMBER IS NUTURAL=====");

else
        System.out.println("=====THE NUMBER IS NIGITIVE =====");
}
}
```