

Simple Java Programs

1) Java Program to Check Whether a Given Number is Even or Odd

Program :-

```
import java.util.*;
class Main{
    public static void main(String args[]){
        Scanner open = new Scanner(System.in);
        int num =open.nextInt();
        if(num%2==0){
            System.out.print("Even Number");
        }else {
            System.out.print("Odd Number");
        }
    }
}
```

2) Java Program to Check Whether a Number is Positive or Negative

```
1 import java.util.*;
2 class Main {
3     public static void main(String[] args) {
4         Scanner scan = new Scanner(System.in);
5         int num = scan.nextInt();
6         if(num>0){
7             System.out.print("Postive");
8         }else{
9             System.out.print("negative");
10        }
11        // here code is done
12    }
13 }
```

3) Java Program to Find the Largest Number Among Three Numbers

```
1 import java.util.*;
2 class Main {
3     public static void main(String[] args) {
4         int a = 1;
5         int b = 2;
6         int c = 4;
7         // checking which is big
8         if(a>b && a>c){
9             System.out.print("Here A is bigger"+a);
10
11         }else if(b>c){
12             System.out.print("Here B is bigger"+b);
13         }else{
14             System.out.print("Here C is bigger"+c);
15         }
16
17     } // code done
18 }
```

4) Java Program to Swap Two Numbers

```
import java.util.*;
class Main {
    public static void main(String[] args) {
        int a = 5;
        int b= 4;
        int rel;
        System.out.println("before Swapping");
        System.out.println("A value is "+a);
        System.out.println("B value is "+b);
        rel = a;
        a = b;
        b = rel;
        System.out.println("After Swapping");
        System.out.println("A value is "+a);
        System.out.println("B value is "+b);
    } // done
}
```

5) Java Program to Find the Number of Integers Divisible by 5

```
1 import java.util.*;
2 class Main {
3     public static void main(String[] args) {
4         Scanner scan = new Scanner(System.in);
5         int num = scan.nextInt();
6         if(num%5==0){
7             System.out.print(" Divisible by 5");
8         }else
9             System.out.print("Not Divisible by 5");
10    }
11
12 }
13
14
```

6) Java Program to Print Multiplication Table

```
1 import java.util.*;
2 class Main {
3     public static void main(String[] args) {
4         Scanner scan = new Scanner(System.in);
5         int num = scan.nextInt();
6         for(int i=1;i<11;i++){
7             System.out.println(num+" x "+i+" = "+(num*i));
8         }
9     } // done
10 }
11
```

7) Java Program to Find Sum of Digits of a Number using Recursion

```
1 import java.util.*;
2 class Main {
3     int sum = 0;
4     public static void main(String[] args) {
5         Scanner scan = new Scanner(System.in);
6         System.out.println("Enter Any value");
7         int n = scan.nextInt();
8
9         Main obj = new Main();
10        int a = obj.add(n);
11        System.out.println("Sum "+a);
12    }
13    int add(int val){
14        sum = val%10;
15        if(val==0){
16            return 0;
17        } else{
18            return sum+add(val/10);
19        }
20    }
21 }
```