Title: Java control statement:

Program 1:

```
package ict.twentyOne.className.
public ~~stati~~ class sumclass{
  public static double sumSeries(){
  double sum = 0.0;
  double num = 1.0;
  do{
     sum += num;
     num -= 0.1;
  }while (num >= 0.01);
  return Math.round (sum*100.0)/100.0;
}
}.
```

Program 2:

```
package ict.twentyOne.className
public class DivisorMultipleclass{
   public static int gcd (int a, int b){
      do{ int temp = b;
          b = a%b;
          a = temp;
      }while(b!=0);
       return a;
   }.
```

```
    public static int lcm(int a, int b){
        return (a*b) / gcd(a,b);
    }
}
```

Programs:

```
Package int.twentyOne.ClassName;
public class NumberConversionClass{
    public static String decimalToBinary(int n){
        return Integer.toBinaryString(n);
    }public static String decimalToHex(int n){
    return Integer.toOctalString(n);
    }
    public static int toBinaryToDecimal(int n){
        return Integer.parseInt(bin, 2);
    }
    public static int octalToDecimal(String oct){
        return Integer.parseInt(oct, 8);
    }
    public static int hexToDecimal(String hex){
        return Integer.parseInt(hex, 16);
    }
}
```

Program 4:

```
Package ict.twentyTwo.className;
Public class CustomPrintClass {
    public static void prc(String message){
     System.out.println("[customPrint]" + message);
}
}.
```

Program 5:

```
Package ict.twentyTwo.classname;
public class Main{
  static SumClass sumClass = new SumClass;
static DivisorMultipleclass divMulClas = new DivisorMulpitleclass()
static NumberConversionClass numConvClass = new NumberConversionClass()
static CustomPrintClass customPrint = new CustomPrintclass();
public static void main(String[] args){
double total = Sumclass.sumseries();
CustomPrintclass.prc("Sum of serdes =" + total);
int a = 24, b = 36;
CustomPrintclass.prc("GCD of "+a+b "="+ DivisorMultipleClass.gcd(a,b))
CustomPrintClass.prc("LCM of"+a+b+"="+ DivisorMultipleclass.lcm(a,b);
int numberc =45;
CustomPrintClass.prc(numberc +"in Binary: "+ NumberConversionClass.decimal
                                    toBinary(numberc));
CustomPrintclass.prc("Decimal "+numberc +" in Hex:"+
  NumberConversionclass.decimalToHex(numberc));
```

```
CustomPrintClass.Prc("Decimal "+number+ "in Octal: "+ NumberConversion
  class.decimalToOctal(number));
CustomPrintClass.prc("Binary 101101 to Decimal : "+ NumberConver-
  sionClass.binaryToDecimal("101101"));
CustomPrintClass.prc("Octal 55 to Decimal : "+ NumberConversion.
        class.octalToDecimal("55");
CustomPrintClass.prc("Hex 2D to Decimal: "+NumberConversion-
    Class.hexToDecimal("2D"));
 }
}.
```