```
class Calculator
{
   public static void main(String arg[])
   {
      int a=2, b=5;
      int sum=a+b, diff=a-b, prod=a*b, quo=a/b;

      System.out.println("the sum is:" + sum );
      System.out.println("the difference is:" + diff);
      System.out.println("the product is:" + prod);
      System.out.println("the quotient is:" + quo);
   }
}
```

```
C:\Users\student\Documents\Srinidhi>javac Calculator.java
C:\Users\student\Documents\Srinidhi>java Calculator
the sum is:7
the difference is:-3
the product is:10
the quotient is:0
```

```
class SimpleInterest
{
    public static void main(String arg[])
    {
        int p=100, t=2, r=5;
        int sI=(p*t*r)/100;
        System.out.println("the simple interest is:" + sI);
    }
}
```

C:\Users\student\Documents\Srinidhi>java SimpleInterest
the simple interest is:10

```
class Fibonacci
{
    public static void main(String arg[])
    {
        int n=5;
        int first=0,second=1,third;
        System.out.println("The Fibonacci series:");
        System.out.println(first);
        System.out.println(second);
        for(int i=0;i<n;i++){
            third=first+second;
            first=second;
            second=third;|
            System.out.println(third);}
    }
}</pre>
```

```
C:\Users\student\Documents\Srinidhi>java Fibonacci
The Fibonacci series:
0
1
2
3
5
8
```

```
class Tables
{
    public static void main(String arg[])
    {
        int p,q;
        for(int i=1; i<=10; i++){
        p=3*i;
        System.out.println("3X" + i +"=" + 3*i);}
        for(int i=1; i<=10; i++){
        q=5*i;
        System.out.println("5X" + i +"=" + 5*i);}
    }
}</pre>
```

```
C:\Users\student\Documents\Srinidhi>java Tables
3X1=3
3X2=6
3X3=9
3X4=12
3X5=15
3X6=18
3X7=21
3X8=24
3X9=27
3X10=30
5X1=5
5X2=10
5X3=15
5X4=20
5X5=25
5X6=30
5X7=35
5X8=40
5X9=45
5X10=50
```

```
class Factorial
{
   public static void main(String arg[])
   {
     int n=5,j=1;
     System.out.println("The factorial is:");
     for(int i=1;i<=5;i++){
        j*=i;}
     System.out.println(j);
   }
}</pre>
```

```
C:\Users\student\Documents\Srinidhi>java Factorial
The factorial is:
120
```

```
1. Simulate a Simple calculator and show the
 add, sub-bract, multiply & dévide options: :
  cian od simple calle or morpored and a stirely .8
      (Lan :([]) procipairle) nion biou sitota sildua
       System. out. println ("addition: + (a+b));
       System. out. parintha (" Seub marction: "+(a-b));
       System. out. print In (" Multiply: "+, (a to));
       System.out. printin (ridivide: " (a16));
                      Sylem. ces. printin (5);
                       (+ +i ; (+); (8 = ; +ni) no)
 OIP.
                               · 0 + 0 = 3 m.
 addition: 14 ; (' +3) nitring . Eug. Motives
 Subtraction: - 2.
 multiplication:48
  divide ; D.
 Write a java program to calculate simple invoers
  clau Simple interest.
                                     Piponeci Jestiel.
    Public static woid main (String ang [])
     double p = 450, t=60, 91=9;
      double Si = (P*+*n)/100;
      System. out. print In ("Si"+ Si);
```

```
Simple calculation and small styllates
     Si = 180100,0 abiush & glaithern , tookhun ablu
  Write a java program to generate bibonacci
3.
 (las Fibonaccisenies) non blow whole aidding
     ([] gro points) nion biou sitola silled
     Egglem, out. println (" oddition: + (a+b))
   Sylfiem. out. Palathol. "Ontoing tuo. morry?"):
      System? out printricalisains, warming
       Septem. out. println (b);
       bon (int i = 8; i<n; i++)
          : W/ (= 0+p.
           System. put. println((+ ' '); HI: noisible
           Q:b;
                                      Gilmacilioni - 3
           b = C;
                                    ould plication: 48
  unido o jouo program do calculado almple interest
   0/6
                                  (low Simple intores)
  Jibonaci resties.
             Public stotic wold main ( Staing orgal)
                      : 9:10, 00=1,0211=q chlud
                       double Si = (8x1xx)/100;
                   System. out palled to (" Si" + Si);
          34
```

```
4) Write a java program to print multiplication
 10 ple (d) 3 & 3.
clan tables.
                           class socional
   Public static word main ( shing ang (?))
 Chadic noid main alving old
      Eystem. out. println ("multiplien of 15:1").
       for (int i=1; i<=10; i++) | 101=101
     Saystem. and. printin ("multiplication of 3: " ).
          (ind j=1: ) (12)++) " 10)
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                  Multiplies of 3
  10
  15
                     3
  90
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  25
                     61
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                     18
  40
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                     16
  $0,
                     24
                     76
                      30.
```

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