1) SIMPLE_CALCULATOR:

D D M M Y Y Y Y
1) Limple calculator
public statuc raid main (stringer) and
double party
class simple_calci {
public etatic void maio (string argsc]) {
iest a =6 m slowed
Suntat signization = 3 amother
illower is intoude att;
int 800b = a - b;
ied mul = a * b;
ient der = a/6!
James interest in some
System. out. prient In ("a+b=" + a+b);
System.out point-in ("a-65" + sub);
Systemout, pruntln ("a * b = ", + meel);
System. aut. println ("a/6 = ", div);
3
(3) Fational of number 2
Clark facts
at 6=9
0 - 2
a+ b =18++ i a => 1 1 = 1 + i = 1 = 1
45= Q.
Lystem out println (Fiberack works
1969 " Dalmen asks to

```
class simple_calci{
    public static void main(String args[]){
    int a = 6;
    int b = 3;
    int add = a+b;
    int sub = a-b;
    int mul = a*b;
    int div = a/b;
    System.out.println("a+b =" +add);
    System.out.println("a-b =" +sub);
    System.out.println("a*b =" +mul);
    System.out.println("a/b =" +div);
}
```

```
}
}
output:
a+b =9
a-b =3
a*b =18
a/b =2
```

2) SIMPLE INTEREST:

```
alculate SF

class &

public static raid main (Stringer) angs) &

double p = 100;

int r = 2;

double res = p* rat/100;

Systemout prant ("Simple interest
is: " + res?;

Jam

output

vample interest is: 3.0
```

```
class {
  public static void main(String[] args) {
      double p = 100;
      int r = 2;
      double t = 1.5;
      double res= p*r*t/100;
      System.out.println("simple interest is :"+ res );
}
```

Output:

Simple interest is: 3.0

3) Factorial of number:

```
Factorial of number

class fable

public static void maio (string aggscs) {

int n=6;

int fatt!;

for (int i=1; i <=n; i+1) {

Pott =i;

}

System out paintly ("Fibonacca surviers

of given number: "+ fail

}

out put intended number

Fibonaccion of given number: 720,
```

class fact{

```
public static void main(String args[]){
   int n = 6;
   int fact = 1;
   for(int i = 1;i<=n;i++){
    fact *= i;
}
System.out.println("Factorial of the given number: "+ fib);</pre>
```

```
}
```

Output:

Factorial of the given number: 720

4) Multiplication table of 5 and 3:

```
22092025
  Table of 5 p3
 class Table &
          public static void main (String aug. [7) &
              int n1: 25;
               Int 112 = 3;
              System out print in ("Multiplication of 5: ");
           for (int i = 1; ix = 16: i+1)?

System.out.point.ln("5 * " + i + " = " +
?

(n * i));
            Systemout print (n (Multiplication of 3: ");

for (int i= 1: i <= 16 ; i+t) {

Systemout print (n ("3*" + i + "= "+

(n 2*i));
of aut put Muttiplication of 5:
       5X1=5
      6 x 2 = 10
       8×3 = 15
       5 x 4 = 20
       5 x 5 = 25
       5×6 - 30
        5 X 7 = 35
        5 \times 8 = 40

5 \times 9 = 45

5 \times 10 = 50
     Multiplication of 3.
              3×1-3
              3×2=8.
3×3 =9
```

```
3xy = 12
3x5 = 15
3x7 = 21
3x8 = 27
3x10 = 37
```

```
class Table {
  public static void main(String args[]) {
    int n1 = 5;
    int n2 = 3;

    System.out.println("Multiplication of 5:");
    for (int i = 1; i <= 10; i++) {
        System.out.println("5 * " + i + " = " + (n1 * i));
    }

    System.out.println("Multiplication of 3:");
    for (int i = 1; i <= 10; i++) {
        System.out.println("3 * " + i + " = " + (n2 * i));
    }
}</pre>
```

Output:

}

```
Multiplication of 5:
```

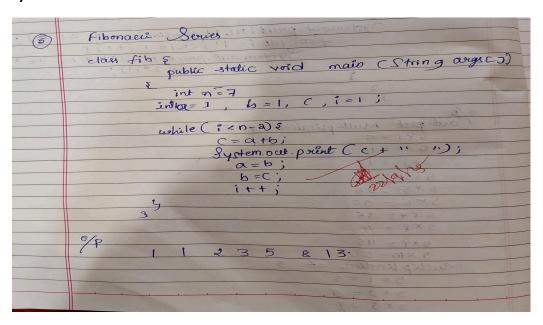
```
5 * 1 = 5
```

- 5 * 4 = 20
- 5 * 5 = 25
- 5 * 6 = 30
- 5 * 7 = 35
- 5 * 8 = 40
- 5 * 9 = 45
- 5 * 10 = 50

Multiplication of 3:

- 3 * 1 = 3
- 3 * 2 = 6
- 3 * 3 = 9
- 3 * 4 = 12
- 3 * 5 = 15
- 3 * 6 = 18
- 3 * 7 = 21
- 3 * 8 = 24
- 3 * 9 = 27
- 3 * 10 = 30

5) Fibonacci series:



```
class fib {
    public static void main(String[] args) {
    int n = 6;
    int first = 0, second = 1;
    System.out.println("Fibonacci Series up to " + n + " terms:");
    for (int i = 1; i <= n; i++) {
            System.out.print(first + " ");
            int next = first + second;
            first = second;
            second = next;
        }
    }
}</pre>
```

Output:

Fibonacci Series up to 6 terms:

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