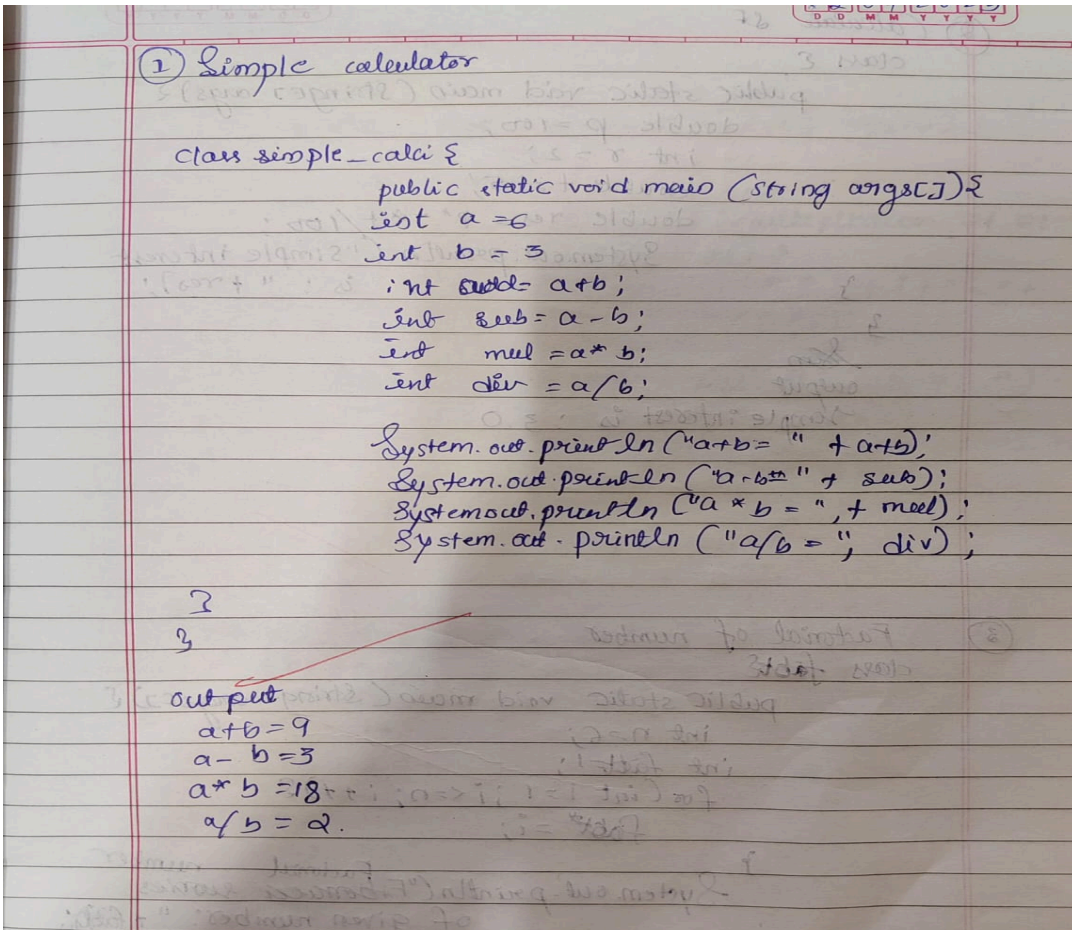
1) SIMPLE_CALCULATOR :




```
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 :

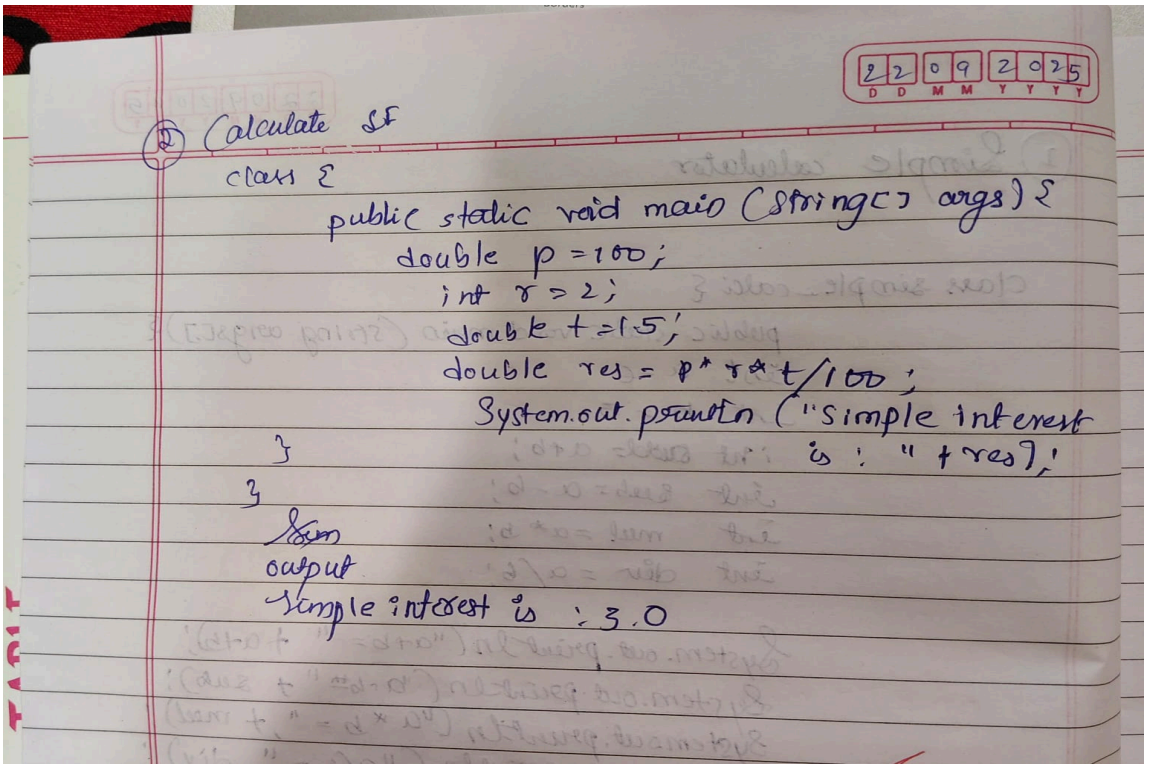
a+b =9

a-b =3

a*b =18

a/b =2

2) SIMPLE INTEREST :



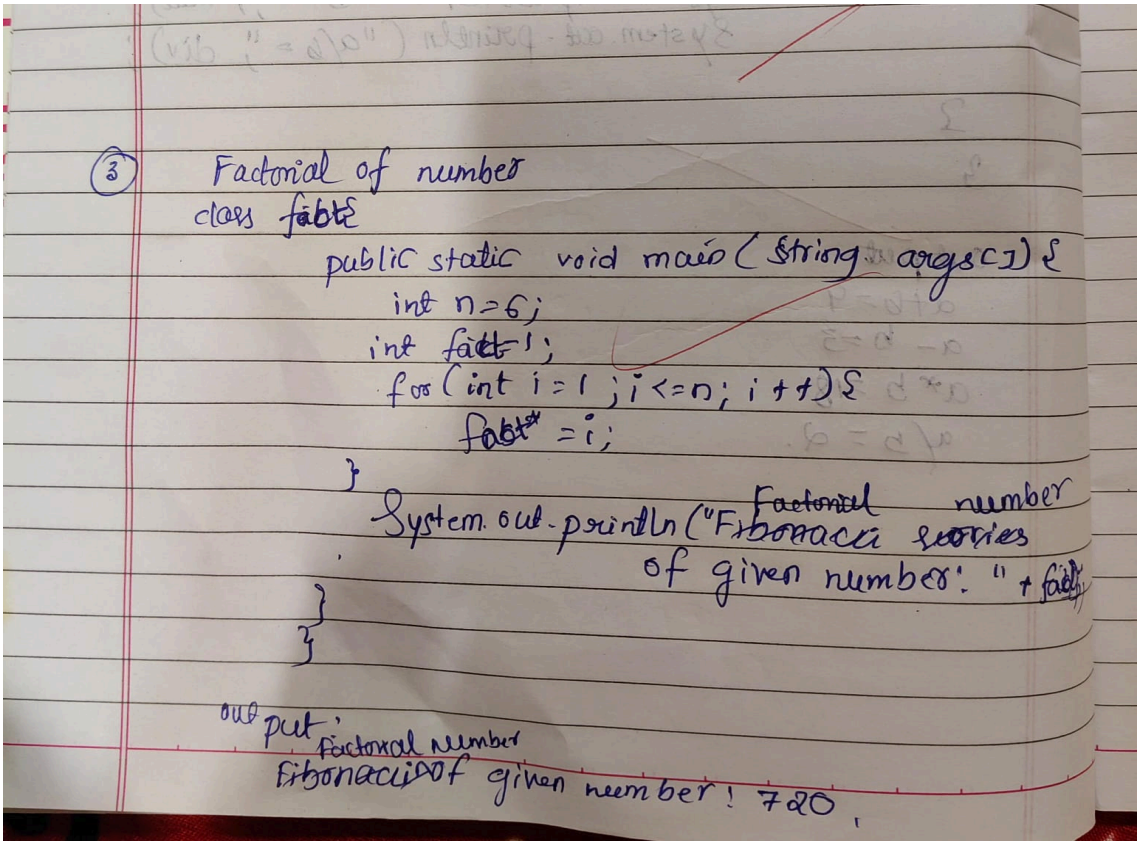

```
class  {
   public static void main(String[] args) {
            double p = 100;
            int r = 2;
            double t = 1.5;
            double res= p*r*t/100;
            System.out.println("simple interest is :"+ res       );
   }
```

}

Output :

Simple interest is: 3.0

3) Factorial of number :




```
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);
```

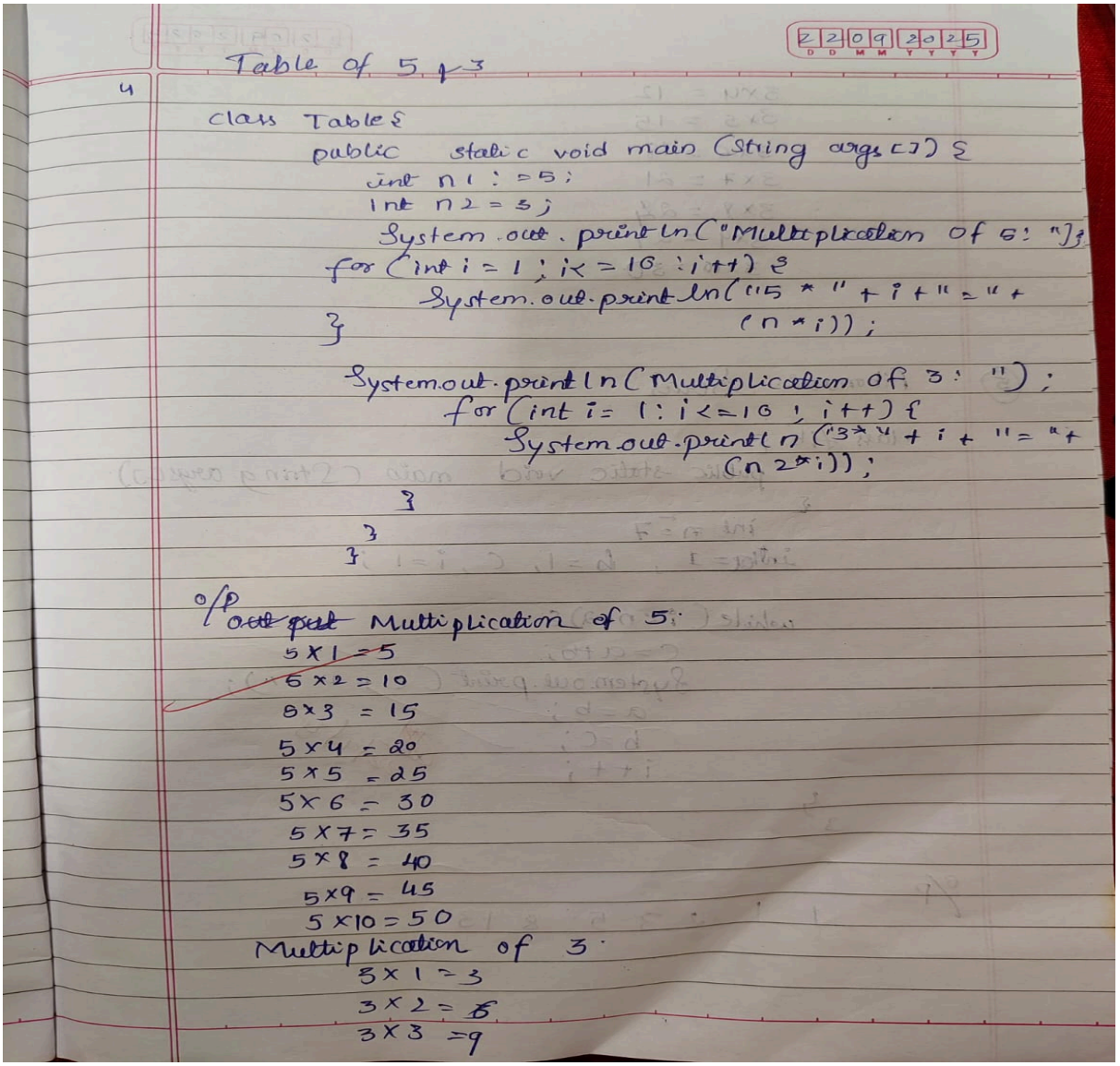
}

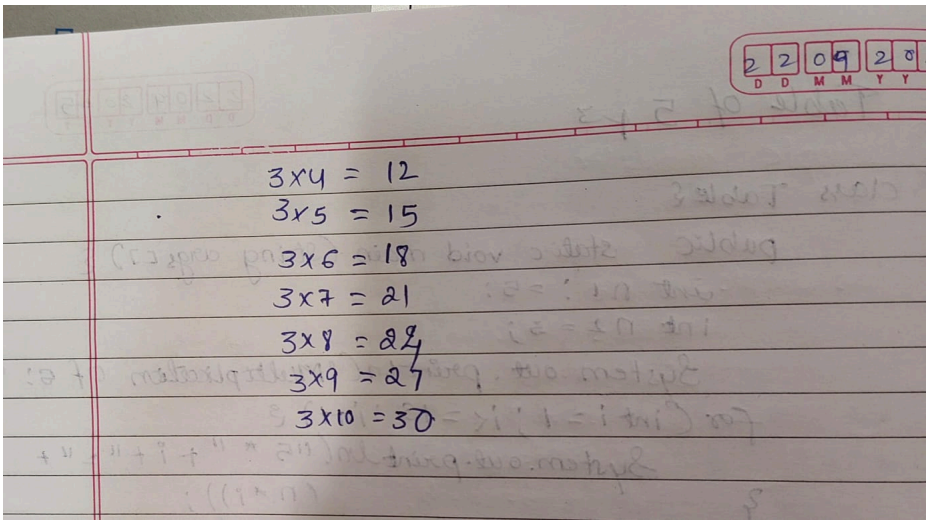
}

Output :

Factorial of the given number: 720

4) Multiplication table of 5 and 3 :






```
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));
      }
   }
}
```

Output :

```
Multiplication of 5:
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
```

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

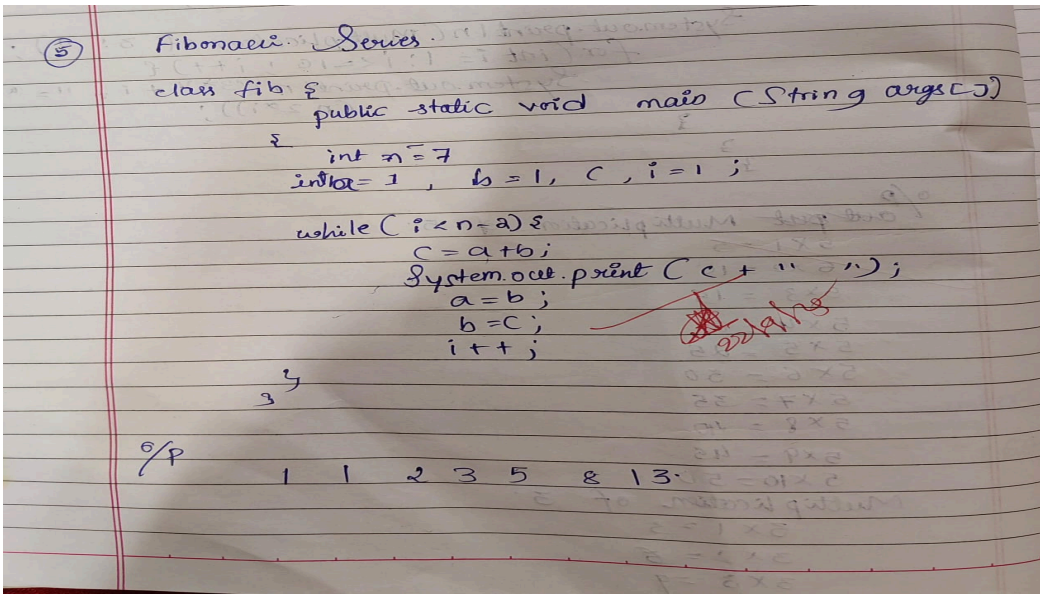
3 * 7 = 21

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;
            }
        }
}
```

Output:

```
Fibonacci Series up to 6 terms:
0 1 1 2 3 5
```