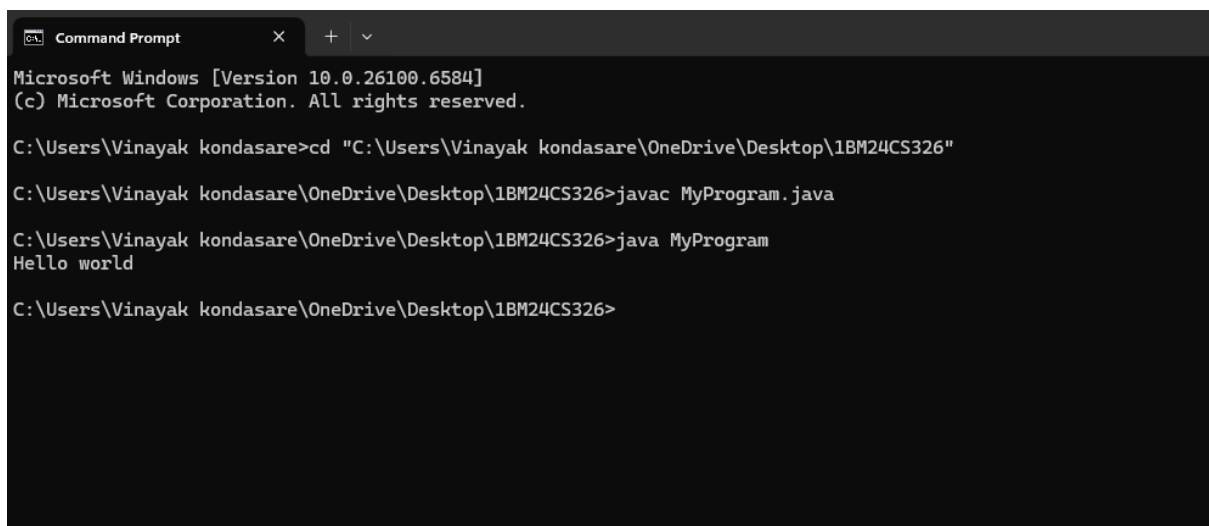


1.First Program

Source code

```
class MyProgram {  
    public static void main(string[] args){  
  
        System.out.println("Hello world");  
    }  
}
```

Output



```
Command Prompt
Microsoft Windows [Version 10.0.26100.6584]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Vinayak kondasare>cd "C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326"

C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>javac MyProgram.java

C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>java MyProgram
Hello world

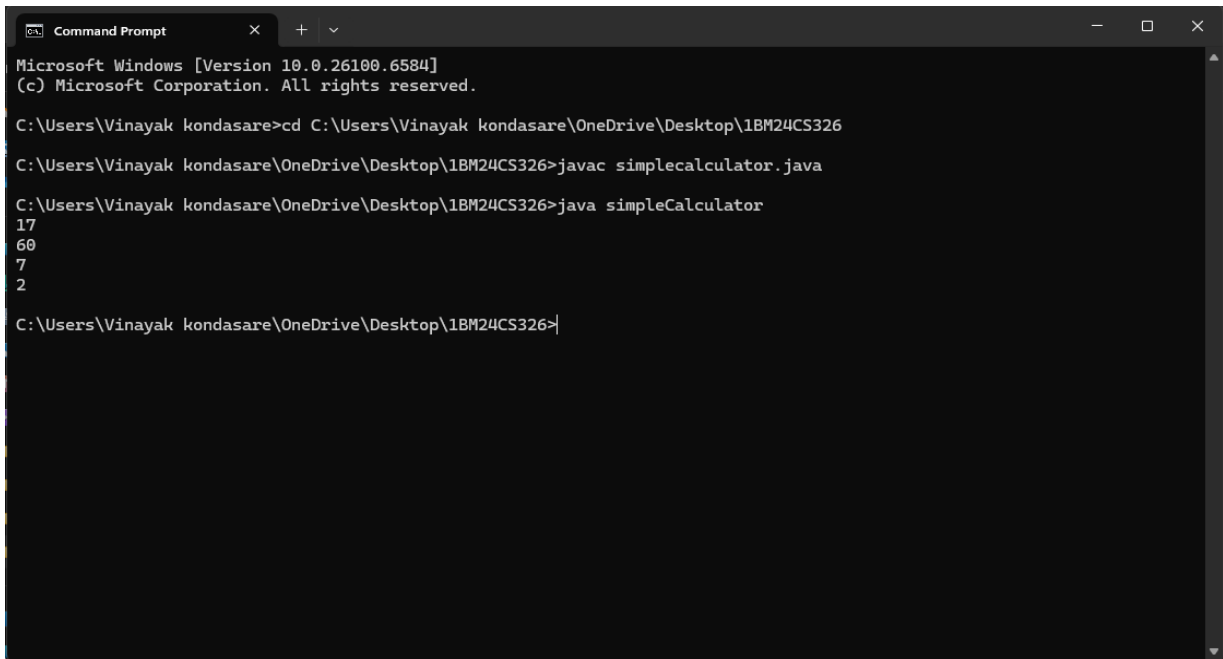
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>
```

2.Simple Calculator

Source code

```
class simpleCalculator {  
  
    public static void main(String[] args)  
    {  
        int a = 12;  
        int b = 5;  
        int sum = a + b;  
        int multi = a * b;  
        int sub = a - b;  
        int div = a / b;  
        System.out.println(sum);  
        System.out.println(multi);  
        System.out.println(sub);  
        System.out.println(div);  
    }  
}
```

Output



```
Microsoft Windows [Version 10.0.26100.6584]
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C:\Users\Vinayak kondasare>cd C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>javac simplecalculator.java
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>java simpleCalculator
17
60
7
2
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>|
```

3.Fibonacci series

Source code

```
class Fibonacci {

    public static void main(String[] args)
    {

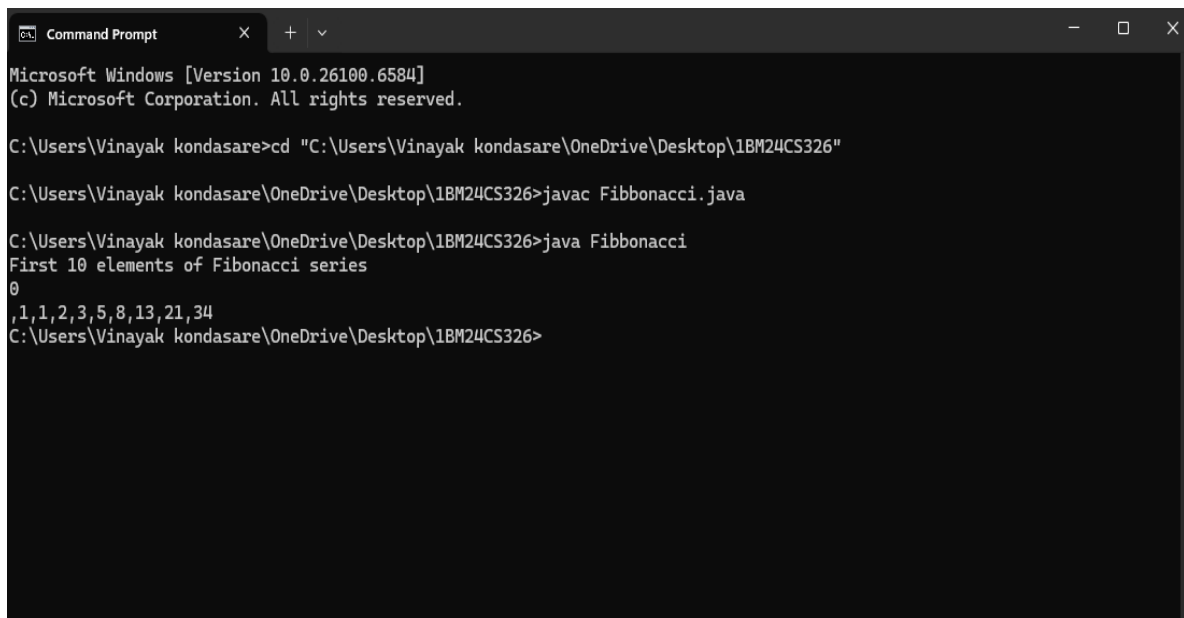
        System.out.println("First 10 elements of Fibonacci series");
        int n1 = 0, n2 = 1, temp;
        System.out.println("0");

        for(int i = 0; i <9; i++){
```

```
        n1 = n1 + n2;
        temp = n2;
        n2 = n1;

        n1 = temp;
        System.out.print(", "+ n1);
    }
}
}
```

Output



```
Command Prompt
Microsoft Windows [Version 10.0.26100.6584]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Vinayak kondasare>cd "C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326"

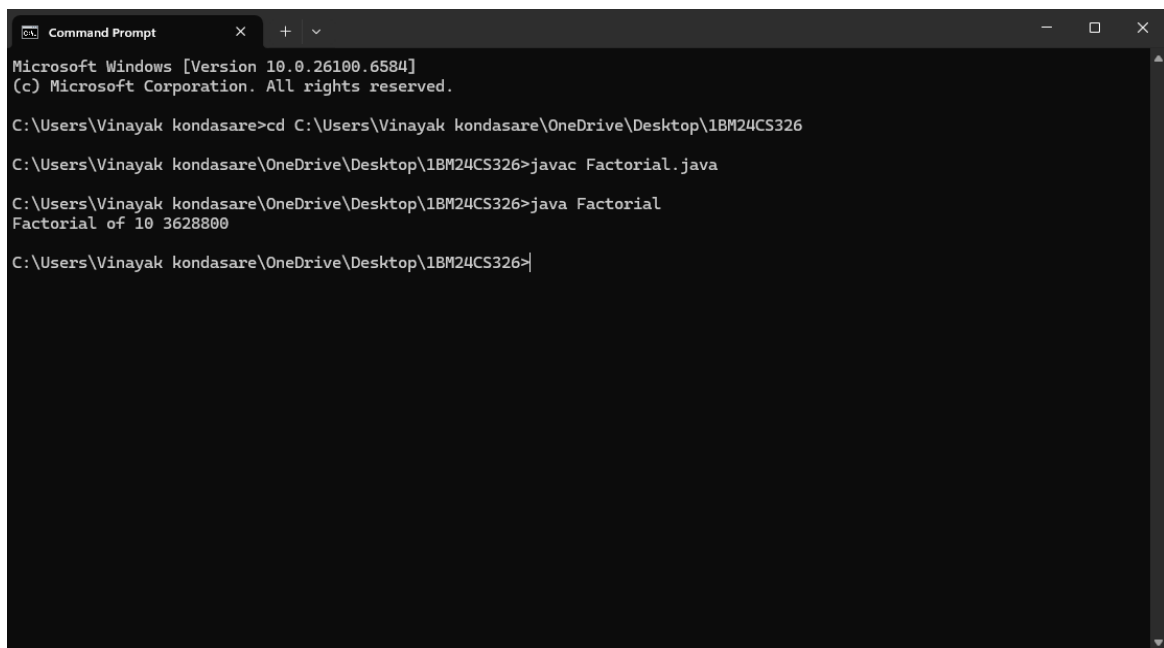
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>javac Fibonacci.java

C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>java Fibonacci
First 10 elements of Fibonacci series
0
,1,1,2,3,5,8,13,21,34
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>
```

4.Factorial

Source code

```
class Factorial {  
    public static void main (String[] args)  
    {  
        int num = 10;  
        int factorial = 1;  
        for(int i = 1; i <= num; i++)  
        {  
            factorial = factorial*i;  
        }  
        System.out.println("Factorial of 10 "+ factorial );  
    }  
}
```

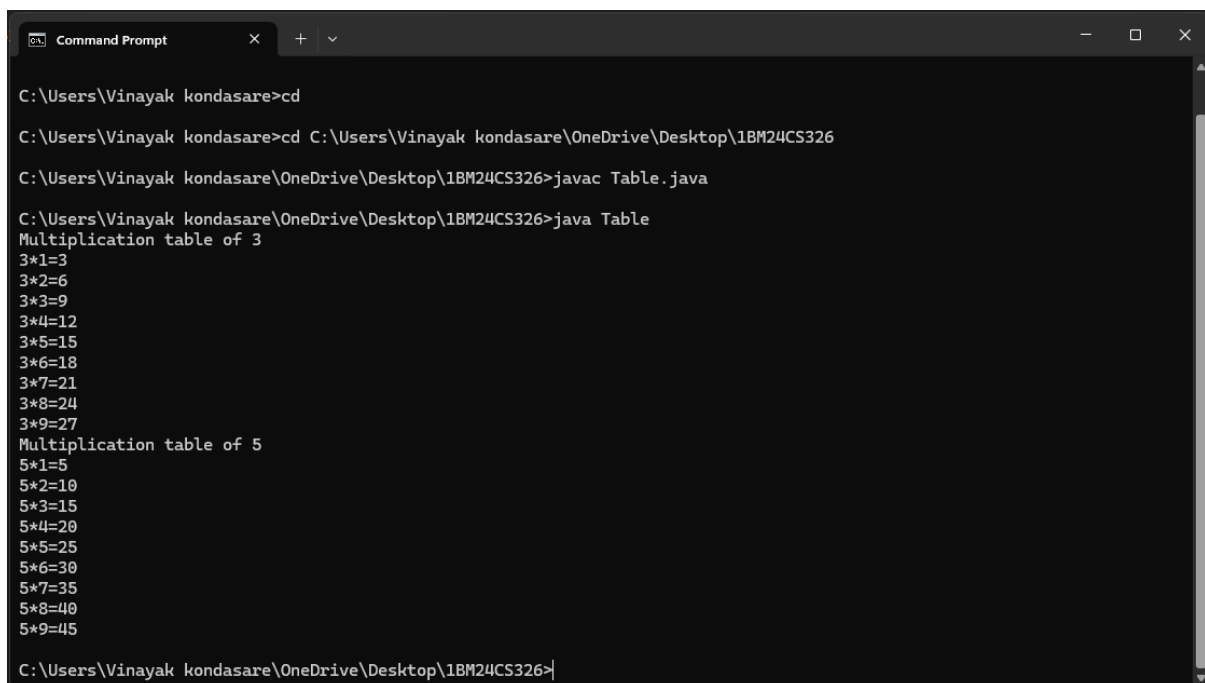


```
Microsoft Windows [Version 10.0.26100.6584]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\Vinayak kondasare>cd C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326  
  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>javac Factorial.java  
  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>java Factorial  
Factorial of 10 3628800  
  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>
```

5.Multiplication table

Source code

```
class Table {  
    public static void main(String[] args)  
    {  
        System.out.println("Multiplication table of 3 ");  
        for(int i=1; i<10; i++){  
            System.out.println("3*"+i+"="+ (3*i));  
        }  
        System.out.println("Multiplication table of 5 ");  
        for(int i=1; i<10; i++){  
            System.out.println("5*"+i+"="+ (5*i));  
        }  
    }  
}
```

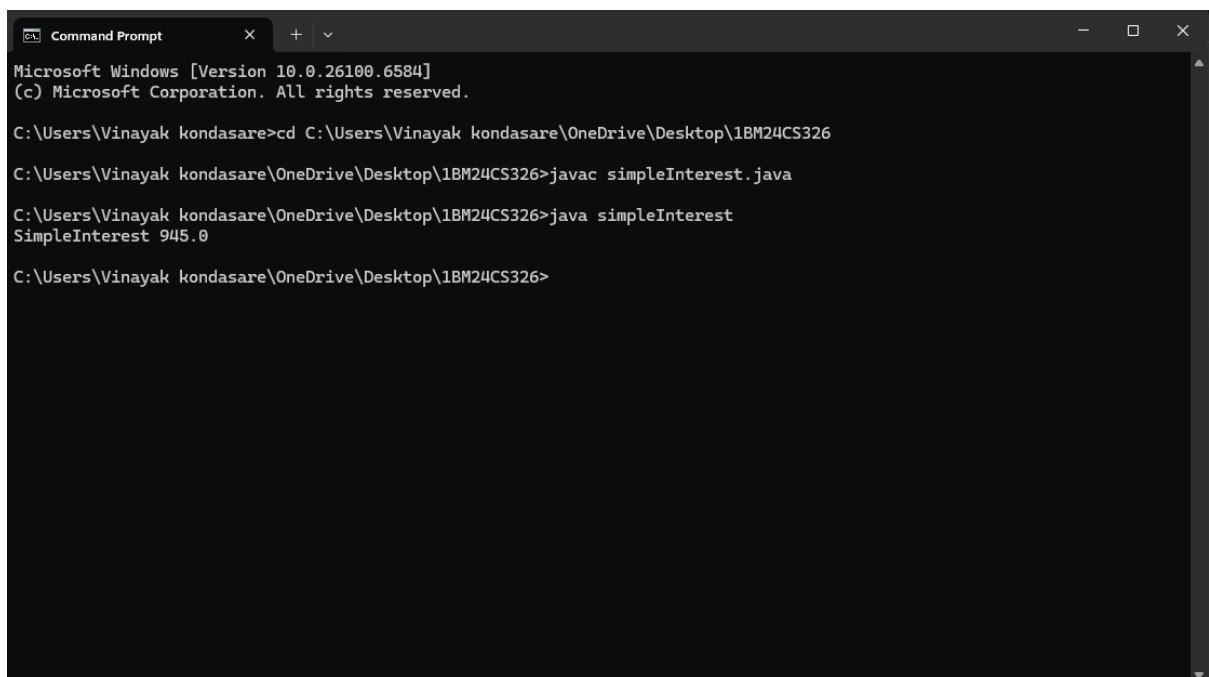


```
Command Prompt  
C:\Users\Vinayak kondasare>cd  
C:\Users\Vinayak kondasare>cd C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>javac Table.java  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>java Table  
Multiplication table 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  
Multiplication table 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  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>
```

6.Simple Interest

Source code

```
class simpleInterest {  
  
    public static void main(String[] args)  
    {  
  
        int p = 7000, t = 3;  
        float r = 4.5f;  
  
        System.out.println("SimpleInterest " + (p * t * r / 100));  
    }  
}
```



```
Microsoft Windows [Version 10.0.26100.6584]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\Vinayak kondasare>cd C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326  
  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>javac simpleInterest.java  
  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>java simpleInterest  
SimpleInterest 945.0  
  
C:\Users\Vinayak kondasare\OneDrive\Desktop\1BM24CS326>
```