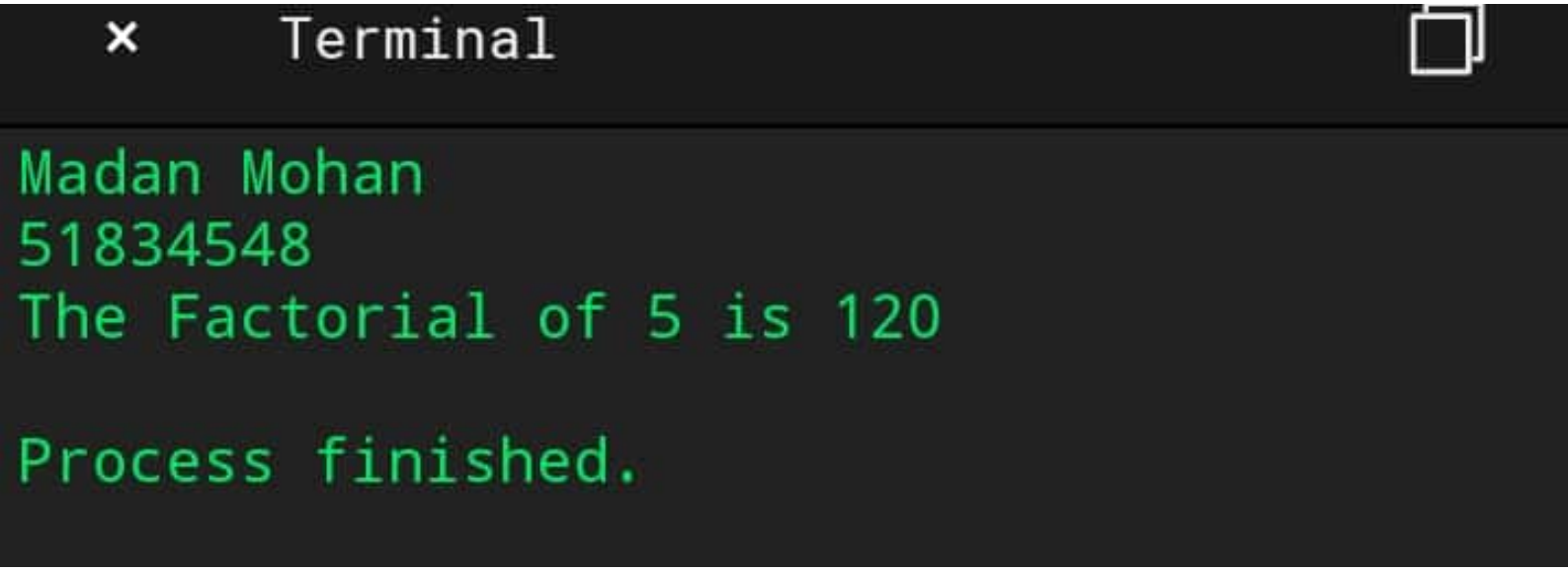
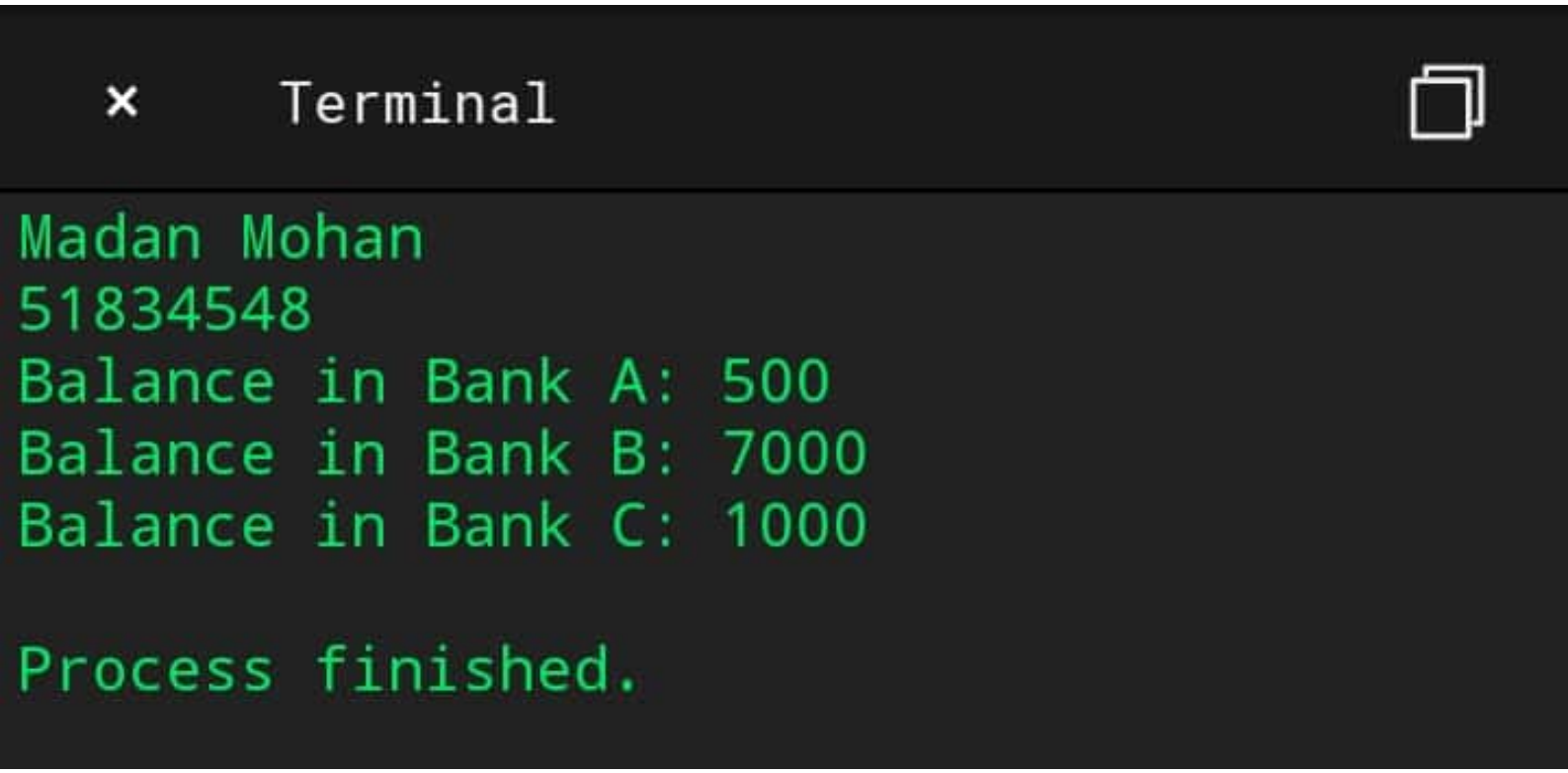
```java
public class Main
{
    public static long factorial(int i)
    {
return (i < 1) ? 1 : i * factorial(i - 1);
    }

    public static void main(String[] args)
    {
System.out.println("Madan Mohan");
System.out.println("51834548");
        int i = 5;
System.out.println("The Factorial of " + i + " is " + factorial(i));
    }
}
```



```java
abstract class Bank
{
 abstract int getBalance();
}
class BankA extends Bank
{
 int deposit=500;
 int getBalance()
 {
  return deposit;
 }
}
class BankB extends Bank
{
 int deposit=7000;
 int getBalance()
 {
  return deposit;
 }
}
class BankC extends Bank
{
 int deposit=1000;
 int getBalance()
 {
  return deposit;
 }
}
class Main
{
 public static void main(String args[])
 {
  System.out.println("Madan Mohan");
  System.out.println("51834548");
```

```
35    //object for Bank A
36    BankA i=new BankA();
37    System.out.println("Balance in Bank A: "+i.getBalance());
38
39    //object for Bank B
40    BankB j=new BankB();
41    System.out.println("Balance in Bank B: "+j.getBalance());
42
43    //object for Bank C
44    BankC k=new BankC();
45    System.out.println("Balance in Bank C: "+k.getBalance());
46
47   }
48  }
```



```java
import java.util.Scanner;

    public class Main
    {
        int Id;
        String Name;
        int Age;
        long Salary;

        void GetData() // Defining GetData()
        {

        Scanner sc = new Scanner(System.in);

 System.out.print("\n\tEnter Employee Id : ");
        Id = Integer.parseInt(sc.nextLine());

 System.out.print("\n\tEnter Employee Name : ");
        Name = sc.nextLine();

 System.out.print("\n\tEnter Employee Age : ");
        Age = Integer.parseInt(sc.nextLine());

System.out.print("\n\tEnter Employee Salary: ");
       Salary = Integer.parseInt(sc.nextLine());

        }

        void PutData()   // Defining PutData()
        {
```

```
31              System.out.print("\n\t" + Id + "\t" +Name + "\t" +Age + "\t" +Salary);
32          }
33
34          public static void main(String args[])
35          {
36
37              System.out.println("Madan Mohan");
38              System.out.println("51834548");
39              Main[] M = new Main[10];
40              int i;
41
42              for(i=0;i<10;i++)
43                  M[i] =  new Main();   // Allocating memory to each object
44
45              for(i=0;i<10;i++)
46              {
                    System.out.print("\nEnter details of "+ (i+1) +" Employee\n");
```

```
48                  M[i].GetData();
49              }
50
51              System.out.print("\nDetails of Employees\n");
52              for(i=0;i<3;i++)
53                  M[i].PutData();
54
55          }
56      }
```