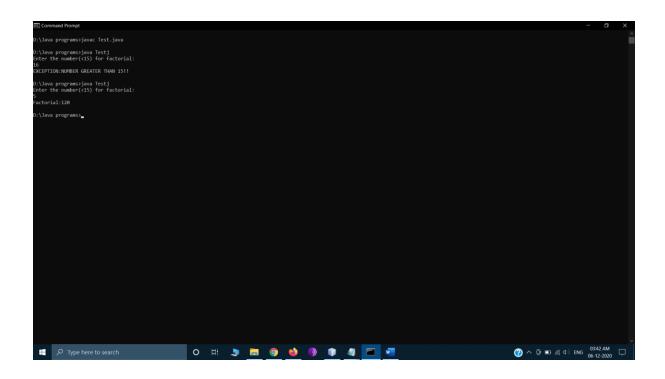
```
import java.util.Scanner;
  class my_excep extends Exception{
    String detail;
    my_excep(String string){
      detail=string;
    }
    public String toString(){
      return detail;
    }
  }
  class fact{
    Scanner sc=new Scanner(System.in);
    int n;
    int result;
    int fact1(int n) throws my_excep{
      if(n>15)
        throw new my_excep("NUMBER GREATER THAN 15!!");
      else{
        if(n==1)
           return 1;
        result=n*fact1(n-1);
      return result;
      }
    }
  }
  class Testj{
    public static void main(String args[]){
      Scanner sc=new Scanner(System.in);
```

```
System.out.println("Enter the number(<15) for factorial:");
int num=sc.nextInt();
try {
    fact f=new fact();
    int res=f.fact1(num);
    System.out.println("Factorial:"+res);
} catch (my_excep e){
    System.out.println("EXCEPTION:"+e);
}
}</pre>
```



```
import java.util.Scanner;
  class my_excep extends Exception{
    String detail;
    my_excep(String string){
      detail=string;
    }
    public String toString(){
      return detail;
    }
  }
  class account{
    Scanner sc=new Scanner(System.in);
    double amount, balance;
    account(){
      System.out.println("Enter the balance of your account:");
      balance=sc.nextInt();
    }
    void withdraw() throws my_excep{
      System.out.println("Enter the amount to withdraw:");
      amount=sc.nextDouble();
      if(amount>balance)
        throw new my_excep("NOT ENOUGH BALANCE!!");
      else{
        balance-=amount;
      System.out.println("Updated Balance:"+balance);
      }
    }
    void display(){
```

```
System.out.println("Balance:"+balance);
 }
}
class Testj{
  public static void main(String args[]){
    Scanner sc=new Scanner(System.in);
    account a=new account();
    int choice;
    do{
      System.out.println("\n1.Show balance\n2.Withdraw\n3.Exit\nEnter your choice:");
      choice=sc.nextInt();
      switch(choice){
        case 1:a.display();
        break;
        case 2:try{
          a.withdraw();
        }catch(my_excep e){
          System.out.println("EXCEPTION:"+e);
        }
        break;
        case 3:System.exit(0);
      }
    }while(choice!=4);
 }
}
```

