

J cheran kumar

Java 1

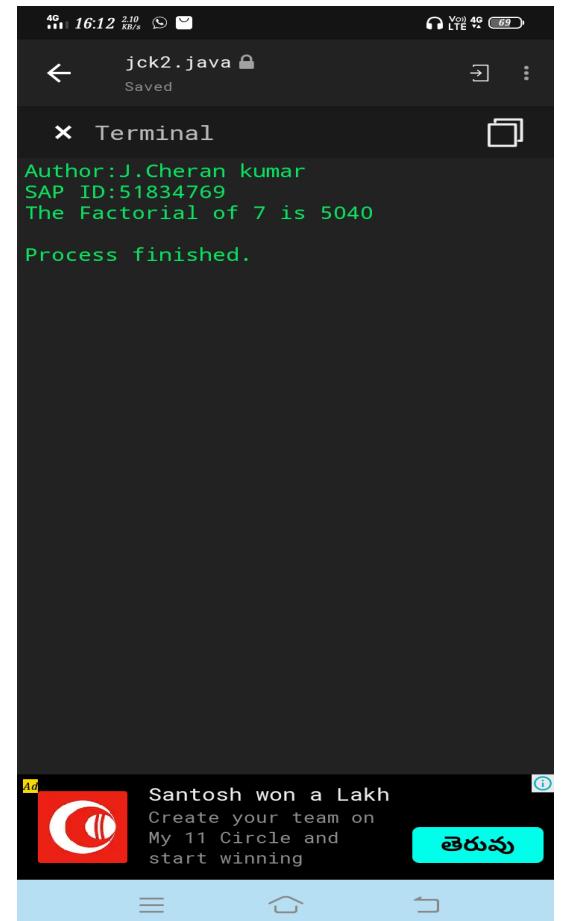
Sap id : 51834769

Answers.....

1)

```
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("Author: J. Cheran Kumar\nSAP ID: 51834769");
        int i = 7;
        System.out.println("The Factorial of " + i + " is " + factorial(i));
    }
}
```



3)

```
abstract class Bank
{
    abstract int getBalance();
}

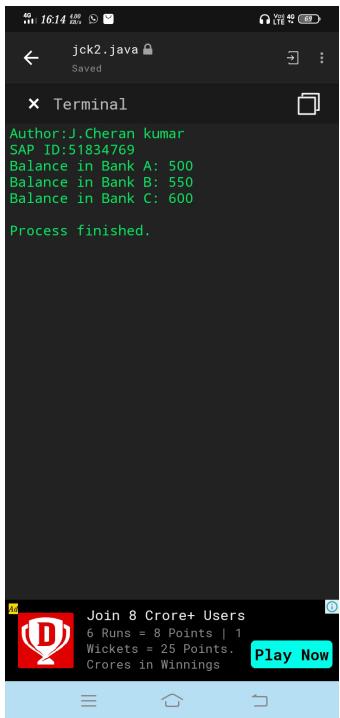
class BankA extends Bank
{
    int deposit=500;
    int getBalance()
    {
        return deposit;
    }
}

class BankB extends Bank
{
    int deposit=550;
    int getBalance()
    {
        return deposit;
    }
}

class BankC extends Bank
```

```
{  
    int deposit=600;  
  
    int getBalance()  
    {  
        return deposit;  
    }  
}  
  
class Main  
{  
    public static void main(String args[])  
    {  
        System.out.println("Author: J. Cheran kumar\nSAP ID: 51834769");  
  
        //object for Bank A  
  
        BankA i=new BankA();  
  
        System.out.println("Balance in Bank A: "+i.getBalance());  
  
  
        //object for Bank B  
  
        BankB j=new BankB();  
  
        System.out.println("Balance in Bank B: "+j.getBalance());  
  
  
        //object for Bank C  
  
        BankC k=new BankC();  
  
        System.out.println("Balance in Bank C: "+k.getBalance());  
    }  
}
```

}



A screenshot of a terminal window titled "jck2.java" which has been saved. The window displays the following text:

```
Author: J.Cheran kumar
SAP ID:51834769
Balance in Bank A: 500
Balance in Bank B: 550
Balance in Bank C: 600
Process finished.
```

Below the terminal window, there is a browser overlay with a black header bar containing the text "Join 8 Crore+ Users", "6 Runs = 8 Points | 1", "Wickets = 25 Points.", and "Crores in Winnings". It features a red button labeled "Play Now".

