CSA-0963 JAVA PROGRAMMING

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INHERITENCE PROBLEMS

1. Write a java program to create a class name a "bankaccount" with the methods called deposit() and withdraw ().create a subclass called savingsaccount that overrides the withdraw() method to present withdrawls.if the account is fall below 100

Program:

```
import java.io.*;

import java.util.Scanner;

class BankAccount {

int cash;

   int balance=500, amount;

   void deposit() {

System.out.println("Enter the amount to deposit:");

Scanner s = new Scanner(System.in);

int dep = s.nextInt();

balance = balance+ dep;

System.out.println("Total balance in account: " + balance);

   }

void withdraw() {

 System.out.println("the balance in acc:"+balance);

}

}

public class Savings extends BankAccount {

void withdraw(){
```

```java
System.out.println("Enter amount to withdraw:");
    Scanner sc = new Scanner(System.in);
    int cash =
    sc.nextInt();
    balance=balance-
    cash;
 System.out.println("the updated balance in
acc:"+balance);if (balance <= 100) {
        System.out.println("Insufficient balance");
    }
else
    {


    System.out.println("Remaining balance after withdrawal: " + balance);
    }
}
    public static void main(String[] args) {
        Savings s = new Savings();
        s.deposit();
        s.withdraw();
    }
}
```

Output:

```
Enter the amount to deposit:
1000
Total balance in account: 1500
Enter amount to withdraw:
500
the updated balance in acc:1000
Remaining balance after withdrawal: 1000
```