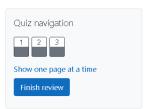
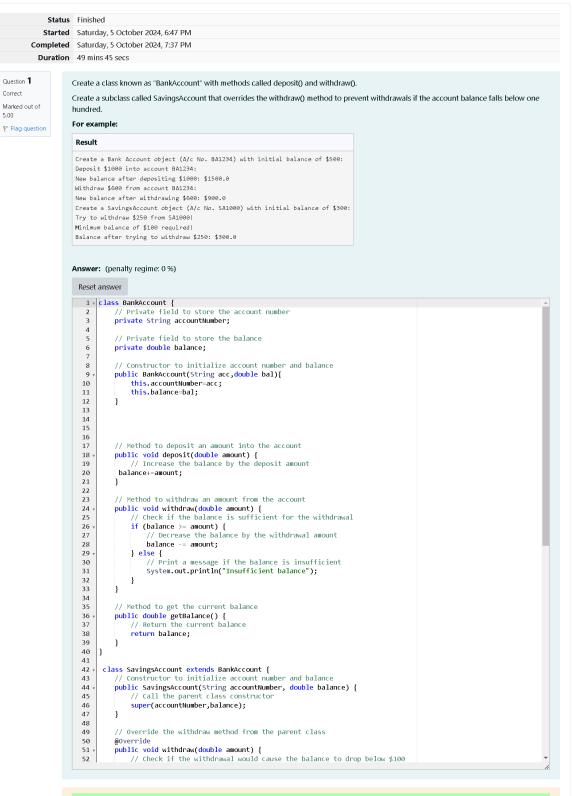
## CS23333-Object Oriented Programming Using Java-2023

Correct

Marked out of





```
Expected
Create a Bank Account object (A/c No. BA1234) with initial balance of $500:
                                                                               Create a Bank Account object (A/c No. BA1234)
 Deposit $1000 into account BA1234:
                                                                                Deposit $1000 into account BA1234:
 New balance after depositing $1000: $1500.0
                                                                                New balance after depositing $1000: $1500.0
 Withdraw $600 from account BA1234:
                                                                               Withdraw $600 from account BA1234:
 New balance after withdrawing $600: $900.0
                                                                                New balance after withdrawing $600: $900.0
 Create a SavingsAccount object (A/c No. SA1000) with initial balance of $300: Create a SavingsAccount object (A/c No. SA1000
 Try to withdraw $250 from SA1000!
                                                                                Try to withdraw $250 from SA1000!
 Minimum balance of $100 required
                                                                                Minimum balance of $100 required!
 Balance after trying to withdraw $250: $300.0
                                                                                Balance after trying to withdraw $250: $300.0
```

Question 2

Correct Marked out of 5.00

▼ Flag question

Create a class Mobile with constructor and a method basicMobile().

Create a subclass CameraMobile which extends Mobile class, with constructor and a method newFeature().

Create a subclass AndroidMobile which extends CameraMobile, with constructor and a method androidMobile().

display the details of the Android Mobile class by creating the instance.

class Mobile{

```
} class CameraMobile extends Mobile {
} class AndroidMobile extends CameraMobile {
} expected output:
```

Basic Mobile is Manufactured

Camera Mobile is Manufactured

Android Mobile is Manufactured

Camera Mobile with 5MG px

Touch Screen Mobile is Manufactured

## For example:

```
Result

Basic Mobile is Manufactured

Camera Mobile is Manufactured

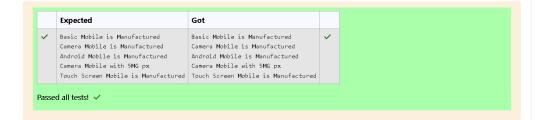
Android Mobile is Manufactured

Camera Mobile with 5MG px

Touch Screen Mobile is Manufactured
```

Answer: (penalty regime: 0 %)

```
1 - class Mobile{
         public Mobile(){
              System.out.println("Basic Mobile is Manufactured");
     class CameraMobile extends Mobile{
         public CameraMobile(){
             System.out.println("Camera Mobile is Manufactured");
         public void newFeature(){
   System.out.println("Camera Mobile with 5MG px");
10
11
12
13
     class AndroidMobile extends CameraMobile{
14
         public AndroidMobile(){
              System.out.println("Android Mobile is Manufactured");
16
         public void androidMobile(){
    System.out.println("Touch Screen Mobile is Manufactured");
18
19
20
21
         }
     class prog{
   public static void main(String args[]){
22
23
             AndroidMobile andmob = new AndroidMobile();
andmob.newFeature();
24
25
              andmob.androidMobiĺe();
27
28
```



Question **3**Correct
Marked out of 5.00

F Flag question

create a class called College with attribute String name, constructor to initialize the name attribute, a method called Admitted(). Create a subclass called CSE that extends Student class, with department attribute, Course() method to sub class. Print the details of the Student.

College:

String collegeName;

public College() { }

public admitted() { }

Student:

String studentName;

String department;

public Student(String collegeName, String studentName,String depart) { }

public toString()

Expected Output:

A student admitted in REC

```
CollegeName: REC
StudentName: Venkatesh
Department: CSE
For example:

Result

A student admitted in REC
CollegeName: REC
StudentName: Venkatesh
Department: CSE
```

Answer: (penalty regime: 0 %)

```
Reset answer
1 class College
                      protected String collegeName;
      5 - public College(String collegeName) {
6     // initialize the instance variables
7     this.collegeName=collegeName
                                           this.collegeName=collegeName;
    | 10 | public void admitted() {
| 11 | System.out.println("A student admitted in "+collegeName);
    12
   14 r class Student extends College{
                      String studentName;
String department;
    16
17
   | Stang depart deart, | Stang depart | Stang depart
  22
23
                                    this.studentName=studentName;
this.department=depart;
    25
    public string tostring(){
// return the details of the student
return "CollegeName: "+collegeName+"\n"+"StudentName: "+studentName+"\n"+"Department: "+department;
   27
28
   29
30
  36 }
37 }
```

<b>~</b>	A student admitted in REC	Got  A student admitted in REC	.,
~	CollegeName : REC	CollegeName : REC	•
	StudentName : Venkatesh	StudentName : Venkatesh	
	Department : CSE	Department : CSE	

Finish review