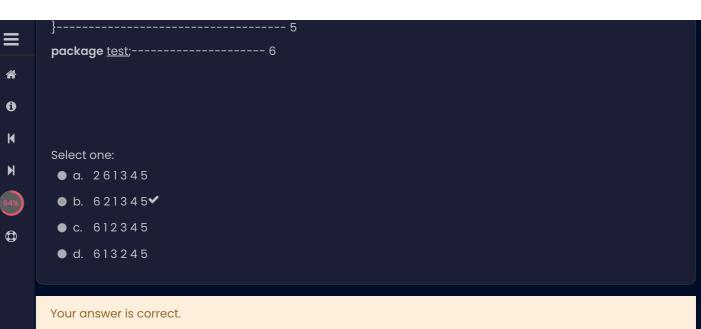


```
return area;
0
H
       select the correct statement to use the static variable Pl.
H
Question 3
       Given the class Book and Library in two different packages:
       1. package model;
       2. public class Book {
       3. private static void countBook  { }
       4. }
       1. package util;
       2. public class Library {
           public static void main(String[] args) {
              // insert code here
       5.}
       6.}
       What is required at line 4 in class Library to use the countBook method of Book class?
       Select one:
        util.Library.countBook();
        countBook();
        ● Library class cannot use the countBook method in Book class. ✔
        Book.countBook();
        model.Book.countBook();
       countBook() cannot be invoked since the method is declared private.
       The correct answer is: Library class cannot use the countBook method in Book class.
      Question 4
                                                                                         (1.00/1.00)
       Choose the correct order of the code
       public class Main-----1
       import java.util.Scanner;----- 2
       {-----3
       //Some code here---- 4
```

public double calculateArea(double radius) {

double area = PI * radius * radius; //Instead of Math.PI



The correct answer is: 6 2 1 3 4 5

```
Question 5 (1.00/1.00)
```

Assume class Calculator in package p1 and CalculatorService class in package p2 as shown below.

```
package p1;
public class Calculator {
    _____ static void calculate(){
        //some code here
    }
}
package p2;
import p1.Calculator;
public class CalculatorService {
    public void display(){
        Calculator.calculate();
    }
```

What can be the valid access specifier for the calculate method in Calculator class so that it can be accessed from CalculatorService class?

Select one:

- default
- protected
- public
- Any access specifier except private
- private

If a method defined within a class in one package has to be invoked from outside, then that method has to be declared public.

