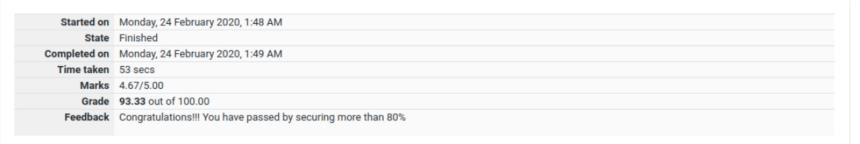
B Dashboard / Java / Classes and Objects, Packages / Test Your understanding - Constructor



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Question **1**

Correct
Mark 1.00
out of 1.00

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question

```
public class Student {
    private int studentId;
    private String name;
    private float grade;

public Student(int studentId, String name) {
        ( this.studentId = studentId; this.name = name;) ✓
    }

public Student(int studentId, String name, float grade) {
        ( this.grade = grade; ) ✓
}
```

Your answer is correct.

The correct answer is:

```
Drag and Drop the code so that the constructor for Student class is overloaded correctly.
public class Student {
    private int studentld;
    private String name;
    private float grade;
    public Student(int studentId, String name) {
          [this.studentId = studentId; this.name = name;]
    public Student(int studentId, String name, float grade) {
        [this(studentId,name);]
        [this.grade = grade;]
```

Question **2**

Correct

Mark 1.00 out of 1.00

Flag question

```
Observe the below code.

public class Student {
    private int id;
    private String name;
    private char grade;
    //Constructor 1

public Student() {
    id=0;
    name= "";
    }
    //Constructor 2

public Student(int id, String name) {
    this.id=id;
    this.name=name;
}
```

```
Choose the constructor that is invoked, when an object is created as shown below.

new Student();

Constructor 1 

rew Student(54, "John");

Constructor 2 

Constructor 3 

Constructor 4 

Constructor 4 

Constructor 4 

Constructor 5 

Constructor 5 

Constructor 6 

Constructor 7 

Constructor 7 

Constructor 7 

Constructor 8 

Constructor 9 

Constructor 9
```

```
Your answer is correct.
The correct answer is:
Observe the below code.
public class Student {
 private int id;
 private String name;
 private char grade;
 //Constructor 1
 public Student() {
   id=0;
   name= " ";
 //Constructor 2
public Student(int id, String name) {
   this.id=id;
   this.name=name;
Choose the constructor that is invoked, when an object is created as shown below.
                               [Constructor 1]
new Student();
                              [Constructor 2]
new Student(54, "John");
```

```
3
```

Partially correct

Mark 0.67 out of 1.00

Flag question

```
You are given with few classes.

Match the code with the type of constructor available in the class.

public class Student {
    public class Student {
        public Student(int studentId, String name) {
        }
    }

public class Student {
        public Student(int studentId, String name) {
        }
    }

public class Student {
        public student() {
        }
    }
```

```
Your answer is partially correct.

You have correctly selected 2.

The correct answer is: public class Student {
} → Default constructor, public class Student {
    public Student(int studentId, String name) {

} → Parameterized Constructor, public class Student {
    public Student() {

} → No-argument Constructor
```

Question 4

Correct

Mark 1.00 out of 1.00

Flag question

```
Observe the code below.

public class Student {

   int studentId;

   String name;

   char grade;

public Student(int studentId, String name, float mark) {

   this studentId = studentId;

}
```

```
this.name=name;
       calculateGrade(mark);
  public void calculateGrade(float mark){
     if(mark>90)
        grade='A';
     else
        grade='B';
For the code
  Student s = new Student(1,"Peter",95);
What will be the output?
Select one:
● a. Compiles successfully 	

    b. Compilation error because cannot call methods from constructor

o. Compilation error because of the parameter - mark - in constructor. It should be grade instead of mark.
```

Your answer is correct.

The correct answer is: Compiles successfully

Question **5**

Correct

Mark 1.00 out of 1.00

Flag question

```
Observe the below class.

class Product{
  int productId;
  String productName;

Product() {
    productId=0; productName=" ";
  }

Product(int id, String name) {
    //access Product() --- Line 1
    productld=id;
    productName=name;
```









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