Started on	Monday, 24 February 2020, 1:48 AM
State	Finished
Completed on	Monday, 24 February 2020, 1:49 AM
Time taken	53 secs
Marks	4.67/5.00
Grade	**93.33** out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 80%

Quiz navigation

1 2 3 4 5

Finish review

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Drag and Drop the code so that the constructor for Student class is overloaded correctly.

```
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(studentId,name);
        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 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(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 ✔

new Student(54, "John"); Constructor 2 ✔

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.

new Student(); [Constructor 1]

new Student(54, "John"); [Constructor 2]

Question

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 {
}
```
Default constructor ✔

```
public class Student {
    public Student(int studentId, String name) {
    }
}
```
Parameterized Constructor ✔

```
public class Student {
    public Student( ) {
    }
}
```
Default constructor ✖

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
- c. 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
      productId=id;
      productName=name;
```

```
  }
}
```

Identify the valid option which is used to invoke the no argument constructor, Product(), at Line 1.

Select one:

- a. super();
- b. Product
- c. this(); ✔
- d. Product();

this() invokes the current object's no argument constructor.

The correct answer is: this();

Finish review