ASK/VIEW DOUBT

OOP: Part 2
Deadline
Mar 1, 2021, 11:59 PM

Lecture
100.0%

Score 250.00/250

- Components of OOPS
- OOPS components ●   10.0/10
- Correct Statement ●   10.0/10
- Writing code using Inheritance
- Keyword ●   10.0/10
- Properties of a class ●   10.0/10
- Predict the output ●   10.0/10
- Inheritance and private members
- Properties of a class ●   10.0/10
- Predict the output ●   10.0/10
- Predict the output ●   10.0/10
- Function Overloading
- Predict the output ●   10.0/10

OOPS components
Send Feedback

Which of the following is not an OOPS component?

Options

- ○ Encapsulation
- ○ Inheritance
- ○ Polymorphism
- ● Aggregation ✔

Correct Answer

PREVIOUS   NEXT   SUBMIT

ASK/VIEW DOUBT

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OOPS components ● 10.0/10

Correct Statement ● 10.0/10

Writing code using Inheritance

Keyword ● 10.0/10

Properties of a class ● 10.0/10

Predict the output ● 10.0/10

Inheritance and private members

Properties of a class ● 10.0/10

Predict the output ● 10.0/10

Predict the output ● 10.0/10

Function Overloading

Predict the output ● 10.0/10

Predict the output ● 10.0/10

Protected Modifiers

Correct Statement
Send Feedback

Select the correct statement(s).

Options

☑ Encapsulation is hiding of data from outside world. ✔

☑ Abstraction means showing only necessary details to the user. ✔

☑ Inheritance is acquiring properties of other class. ✔

☐ Java is not an object oriented language.

Correct Answer

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Correct Statement ✓

Writing code using Inheritance

Keyword ●   10.0/10

Properties of a class ●   10.0/10

Predict the output ●   10.0/10

Inheritance and private members

Properties of a class ●   10.0/10

Predict the output ●   10.0/10

Predict the output ●   10.0/10

Function Overloading

Predict the output ●   10.0/10

Predict the output ●   10.0/10

Protected Modifiers

Correct Option ●   10.0/10

Correct Option ●   10.0/10

Keyword

Send Feedback

Which keyword is used to inherit a class?

Options

○   inherits

●   extends ✔

○   imports

○   None of these

Correct Answer

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Writing code using inheritance

Keyword •   10.0/10

Properties of a class •   10.0/10

Predict the output •   10.0/10

Inheritance and private members

Properties of a class •   10.0/10

Predict the output •   10.0/10

Predict the output •   10.0/10

Function Overloading

Predict the output •   10.0/10

Predict the output •   10.0/10

Protected Modifiers

Correct Option •   10.0/10

Correct Option •   10.0/10

Super Keyword

Properties of a class

Send Feedback

Which variable(s) can the class person access in the following code?

```
class person{
    String name;
    int weight;
}
class Student extends person{
    int roll_number;
    String school_name;
}
```

Options

☑   name ✔

☑   weight ✔

☐   roll_number

☐   school_name

Correct Answer

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Predict the output

Send Feedback

What would be the output of the following code?

```
public class person {
    String name;
    int weight;
}
public class Student extends person{
    int roll_number;
    String school_name;
    void print()
    {
        System.out.print(roll_number+" "+name+"
"+weight);
    }
}
public class Student_info {
    public static void main(String[] args) {
        Student s=new Student();
        s.name="ayush";
        s.roll_number=10;
        s.weight=65;
        s.school_name="Vijaya Sr. Sec. School";
        s.print();
    }
}
```

Answer

Type here

10 ayush 65 ✓

Correct Answer

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Properties of a class

Send Feedback

Which variable(s) can the class Student access in the following code?

```
class person{
    String name;
    private int weight;
}
class Student extends person{
    private int roll_number;
    String school_name;
}
```

Options

- ☑ name ✔
- ☐ weight
- ☑ roll_number ✔
- ☑ school_name ✔

Correct Answer

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ASK/VIEW DOUBT

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Predict the output

Send Feedback

What will be the output of the following code?

```java
class Vehicle{
    String colour;
    private int number;
}

class Car extends Vehicle{
    public static void main(String[] args) {
        Vehicle v = new Vehicle();
        v.colour = "black";
        v.number = 8486;
        System.out.println(v.number + " " + v.colour);
    }
}
```

Options

○ 8486 black

● Compile time error ✔

○ Run time error

○ black 8486

Correct Answer

PREVIOUS   NEXT   SUBMIT

OOP: Part 2

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Predict the output

Send Feedback

What will be the output of the following code?

Both the classes are in same package.

```
class Vehicle{
    String colour;
    private int number;
    void set(int number)
    {
        number=number;
    }
    int get()
    {
        return number;
    }
}

class Car extends Vehicle{
    public static void main(String[] args) {
        Vehicle v = new Vehicle();
        v.colour = "white";
        v.set(1010) ;
        System.out.println(v.colour + " " + v.get());
    }
}
```

Answer

Type here
white 0   ✓

Correct Answer

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Predict the output

Send Feedback

What will be the output of the following code?

```java
class Vehicle{
    String colour;
    private int number;
    void print()
    {
        System.out.println("vehicle");
    }
}

class Car extends Vehicle{
    void print()
    {
        System.out.println("car");
    }
}
class Honda extends Car{
    void print()
    {
        System.out.println("Honda");
    }
}
class buy_car{
    public static void main (String[] args) {
        Car c=new Car();
        c.print();
    }
}
```

Options

○ vehicle

● car ✔

○ honda

○ error

Correct Answer

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Function Overloading

Predict the output ●   10.0/10

Predict the output ●   10.0/10

Protected Modifiers

Correct Option ●   10.0/10

Correct Option ●   10.0/10

Super Keyword

Predict the output ●   10.0/10

Predict the output ●   10.0/10

Inheritance and Constructors

What is the output ●   10.0/10

What is the output ●   10.0/10

What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Predict the output

Send Feedback

What will be the output of the following code?

```java
class Vehicle{
    String colour;
    private int number;
    void print()
    {
        System.out.println("vehicle");
    }
}


class Car extends Vehicle{
    void print()
    {
        System.out.println("car");
    }
}
class Honda extends Car{
    void print()
    {
        System.out.println("Honda");
    }
}
class buy_car{
    public static void main (String[] args) {
        Honda c=new Honda();
        c.print();
    }
}
```

Options

○ vehicle

○ car

● Honda ✔

○ error

Correct Answer

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Predict the output

Protected Modifiers

Correct Option ●   10.0/10

Correct Option ●   10.0/10

Super Keyword

Predict the output ●   10.0/10

Predict the output ●   10.0/10

Inheritance and Constructors

What is the output ●   10.0/10

What is the output ●   10.0/10

What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Correct Option
Send Feedback

Select option for access modifiers in increasing order of their visibility.

Options

○   Private, Protected, Default, Public

○   Protected, Private, Default, Public

●   Private, Default, Protected, Public ✔

○   Private, Default, Public, Protected

Correct Answer

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Correct Option •   10.0/10

Correct Option •   10.0/10

Super Keyword

Predict the output •   10.0/10

Predict the output •   10.0/10

Inheritance and Constructors

What is the output •   10.0/10

What is the output •   10.0/10

What is the output •   10.0/10

Polymorphism

Correct Statement •   10.0/10

Fill the output •   10.0/10

Predict the output •   10.0/10

Class cast and Object Class

Correct Option

Send Feedback

The following class Vehicle, declares a protected variable name, inside package p1:

```
package p1;

public class Vehicle {
    protected String name;
}
```

Which of the following code(s) will give error?

```
A.
package p1;

public class Car {
    void props() {
        Vehicle v = new Vehicle();
        v.name = "Vehicle 1st";
    }
}

B.
package p2;

class Car extends Vehicle {
    public static void main(String args[]) {
        Car c = new Car();
        c.name = "Ferrari";
    }
}

C.
package p2;

import p1.Vehicle;
class Car {
    void props() {
        Vehicle v = new Vehicle();
        v.name = "BMW";
    }
}
```

Options

- [ ] A
- [x] B ✔
- [x] C ✔
- [ ] None

Correct Answer

PREVIOUS   NEXT   SUBMIT

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Predict the output

Send Feedback

What will be the output of the following code?

```
class Vehicle
{
    int maxSpeed = 120;
}
class Car extends Vehicle
{
    int maxSpeed = 180;
    void display()
    {
        System.out.println(super.maxSpeed);
    }
}
class Test
{
    public static void main(String[] args)
    {
        Car c = new Car();
        c.display();
    }
}
```

Answer

Type here

120   ✓

Correct Answer

PREVIOUS   NEXT   SUBMIT

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Super Keyword

Predict the output ●   10.0/10

Predict the output ●   10.0/10

Inheritance and Constructors

What is the output ●   10.0/10

What is the output ●   10.0/10

What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output ●   10.0/10

Exception Handling - 2

Predict the output

Send Feedback

What will be the output of the following code?

```java
class Person
{
    void fun()
    {
        System.out.print("person class");
    }
}
class Student extends Person
{
    void fun()
    {
        System.out.print("student class");
    }
    void display()
    {
        fun();
        super.fun();
    }
}
class Test
{
    public static void main(String args[])
    {
        Student s = new Student();
        s.display();
    }
}
```

Answer

Type here

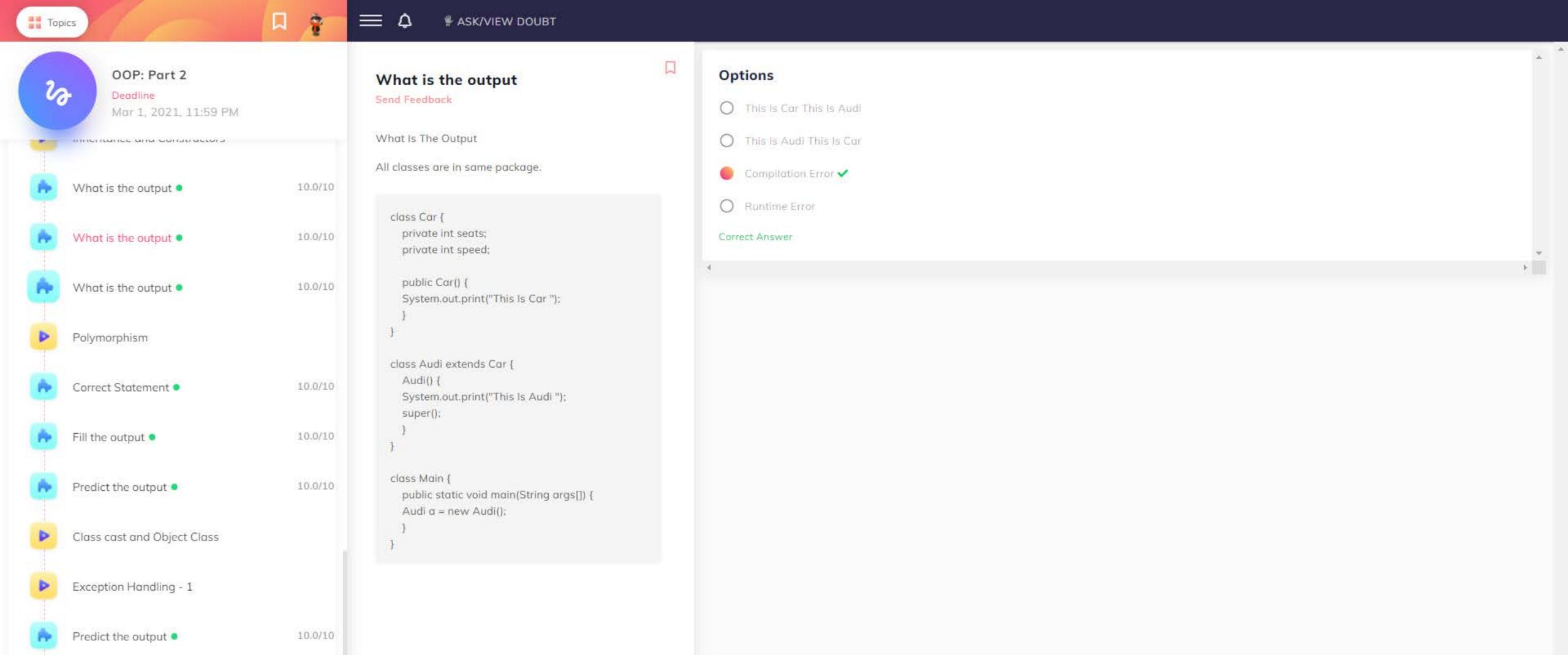student classperson clas ✔   student classperson class

Correct Answer

PREVIOUS   NEXT   SUBMIT

OOP: Part 2

Deadline
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Inheritance and Constructors

What is the output •   10.0/10

What is the output •   10.0/10

What is the output •   10.0/10

Polymorphism

Correct Statement •   10.0/10

Fill the output •   10.0/10

Predict the output •   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output •   10.0/10

Exception Handling - 2

Predict the output •   10.0/10

Finally Block

What is the output

Send Feedback

What Is the o/p of following code

```java
class Vehicle {
    int seats;
    int speed;

    public Vehicle(int seats, int speed) {
    System.out.print("Vehicle ");
    this.seats = seats;
    this.speed = speed;
    }
}

class Car extends Vehicle {
    int id;
    Car() {
    System.out.print("Car ");
    }
}

class Main {
    public static void main(String args[]) {
    Car c = new Car();
    }
}
```

Options

○ Vehicle Car

○ Car Vehicle

○ Runtime error

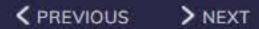● Compilation error ✔

Correct Answer

‹ PREVIOUS   › NEXT   ↻ SUBMIT

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Inheritance and Constructors

What is the output ●   10.0/10

What is the output ●   10.0/10

What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output ●   10.0/10

Exception Handling - 2

Predict the output ●   10.0/10

Finally Block

What is the output ●   10.0/10

What is the output

Send Feedback

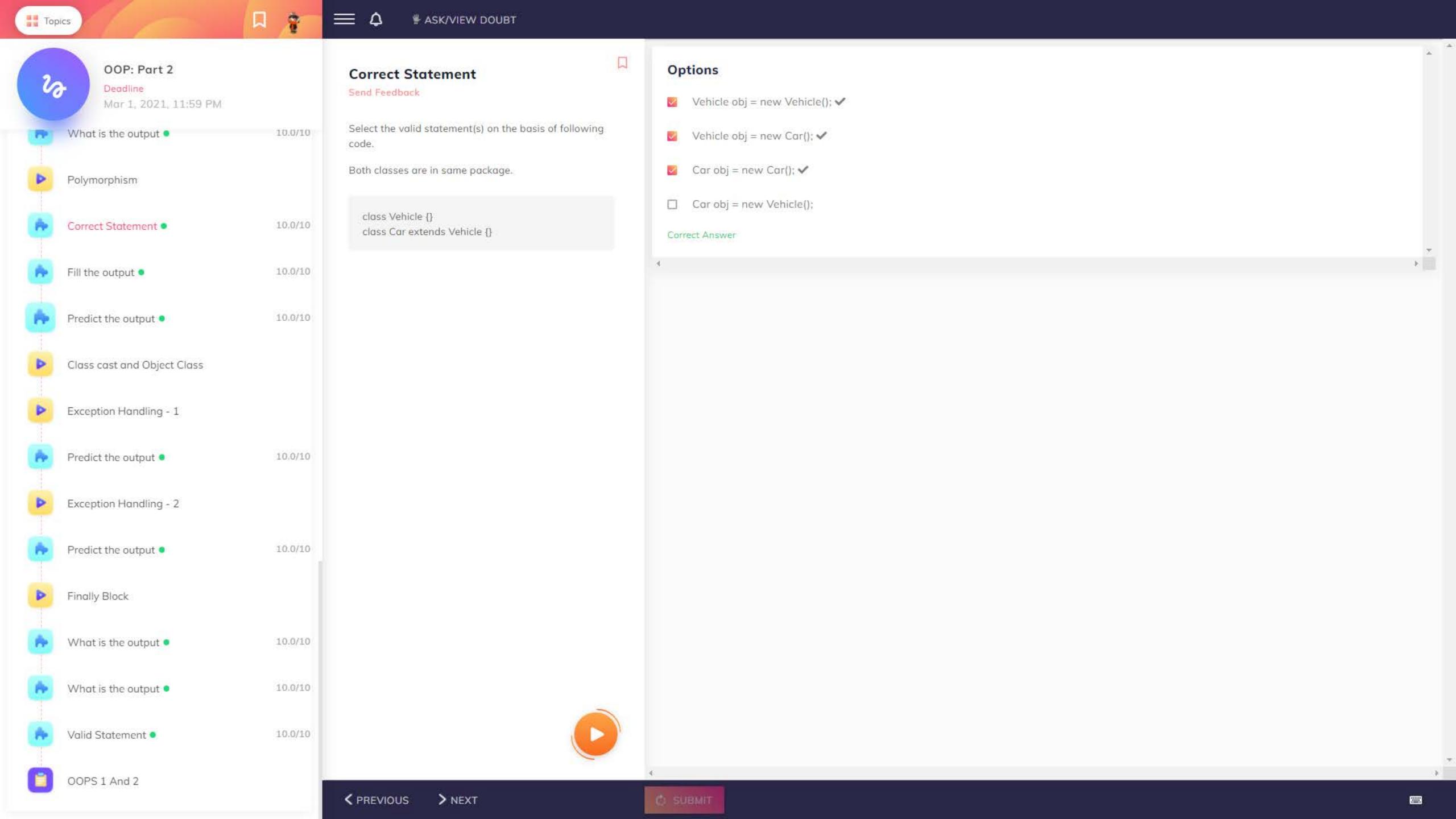What Is The Output

All classes are in same package.

```
class Car {
    private int seats;
    private int speed;

    public Car() {
    System.out.print("This Is Car ");
    }
}

class Audi extends Car {
    Audi() {
    System.out.print("This Is Audi ");
    super();
    }
}

class Main {
    public static void main(String args[]) {
    Audi a = new Audi();
    }
}
```

Options

○ This Is Car This Is Audi

○ This Is Audi This Is Car

● Compilation Error ✔

○ Runtime Error

Correct Answer

PREVIOUS   NEXT   SUBMIT

ASK/VIEW DOUBT

OOP: Part 2

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What is the output

What is the output ●   10.0/10

What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output ●   10.0/10

Exception Handling - 2

Predict the output ●   10.0/10

Finally Block

What is the output ●   10.0/10

What is the output ●   10.0/10

What is the output

Send Feedback

What is the output.

All classes are in same package.

```
class Car {
    private int seats;
    private int speed;

    public Car(int seats, int speed) {
    this.seats = seats;
    this.speed = speed;
    System.out.print("This Is Car ");
    }
}

class Audi extends Car {
    Audi(int x, int y) {
    super(x,y);
    System.out.print("This Is Para Audi ");
    }
    void Audi() {
    System.out.print("This Is Def Audi");
    }
}

class Main {
    public static void main(String args[]) {
    Audi a = new Audi(5,7);
    a.Audi();
    }
}
```

Answer

Type here
This Is Car This Is Para A ✔   This Is Car This Is Para Audi This Is Def Audi

Correct Answer

< PREVIOUS   > NEXT   ↻ SUBMIT

ASK/VIEW DOUBT

OOP: Part 2

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What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output ●   10.0/10

Exception Handling - 2

Predict the output ●   10.0/10

Finally Block

What is the output ●   10.0/10

What is the output ●   10.0/10

Valid Statement ●   10.0/10

OOPS 1 And 2

Correct Statement

Send Feedback

Select the valid statement(s) on the basis of following code.

Both classes are in same package.

```
class Vehicle {}
class Car extends Vehicle {}
```

Options

☑ Vehicle obj = new Vehicle(); ✔

☑ Vehicle obj = new Car(); ✔

☑ Car obj = new Car(); ✔

☐ Car obj = new Vehicle();

Correct Answer

PREVIOUS   NEXT   SUBMIT

OOP: Part 2

Deadline

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What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output ●   10.0/10

Exception Handling - 2

Predict the output ●   10.0/10

Finally Block

What is the output ●   10.0/10

What is the output ●   10.0/10

Valid Statement ●   10.0/10

OOPS 1 And 2

Fill the output

Send Feedback

What is the output -

All classes are in same package.

```
class Vehicle{
    void print(){
    System.out.print("Vehicle class");
    }
}
class Car extends Vehicle{
    void print(){
    System.out.print("Car class ");
    }
}

public class Main {
    public static void main(String[] args){
    Vehicle obj1 = new Car();
    obj1.print();

    Vehicle obj2 = new Vehicle();
    obj2.print();
    }
}
```

Answer

Type here

Car class Vehicle class ✔

Correct Answer

PREVIOUS   NEXT   SUBMIT

OOP: Part 2

Deadline
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Predict the output

Send Feedback

What will be the output of the following code?

```java
class Vehicle{
    String colour;
    private int number;
    void print()
    {
        System.out.println("vehicle");
    }
}

class Car extends Vehicle{
    void print()
    {
        System.out.println("car");
    }
}
class Honda extends Car{
    void print()
    {
        System.out.println("Honda");
    }
}
class buy_car{
    public static void main (String[] args) {
        Car c=new Honda();
        c.print();
    }
}
```

Options

○ vehicle

○ car

● Honda ✔

○ error

Correct Answer

ASK/VIEW DOUBT

OOP: Part 2
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Predict the output
Send Feedback

What will be the output of the following code?

```
class ExceptionThrown
{
  static int divideByZero(int a, int b){
    int i = a/b;
    return i;
  }
  static int computeDivision(int a, int b) {
    int res =0;
    try
    {
      res = divideByZero(a,b);
    }
    catch(NumberFormatException ex)
    {
      System.out.println("Exception occured");
    }
    return res;
  }
  public static void main(String args[]){
    int a = 1;
    int b = 1;
    int i=0;
    try
    {
      i = computeDivision(a,b);
    }
    catch(ArithmeticException ex)
    {
      System.out.println(ex.getMessage());
    }
    System.out.print(i);
  }
}
```

Options

●   1 ✔

○   Exception thrown

○   Runtime error

○   Compile time error

Correct Answer

PREVIOUS NEXT SUBMIT

OOP: Part 2

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Predict the output

Send Feedback

What will be the output of the following code?

```
class ThrowsExecp {
static void fun() throws Exception
{
    throw new Exception();
}
public static void main(String args[])
{
    try {
        fun();
    }
    catch (Exception e) {
        System.out.print("caught in main.");
    }
    System.out.print("All is well");
}
}
```
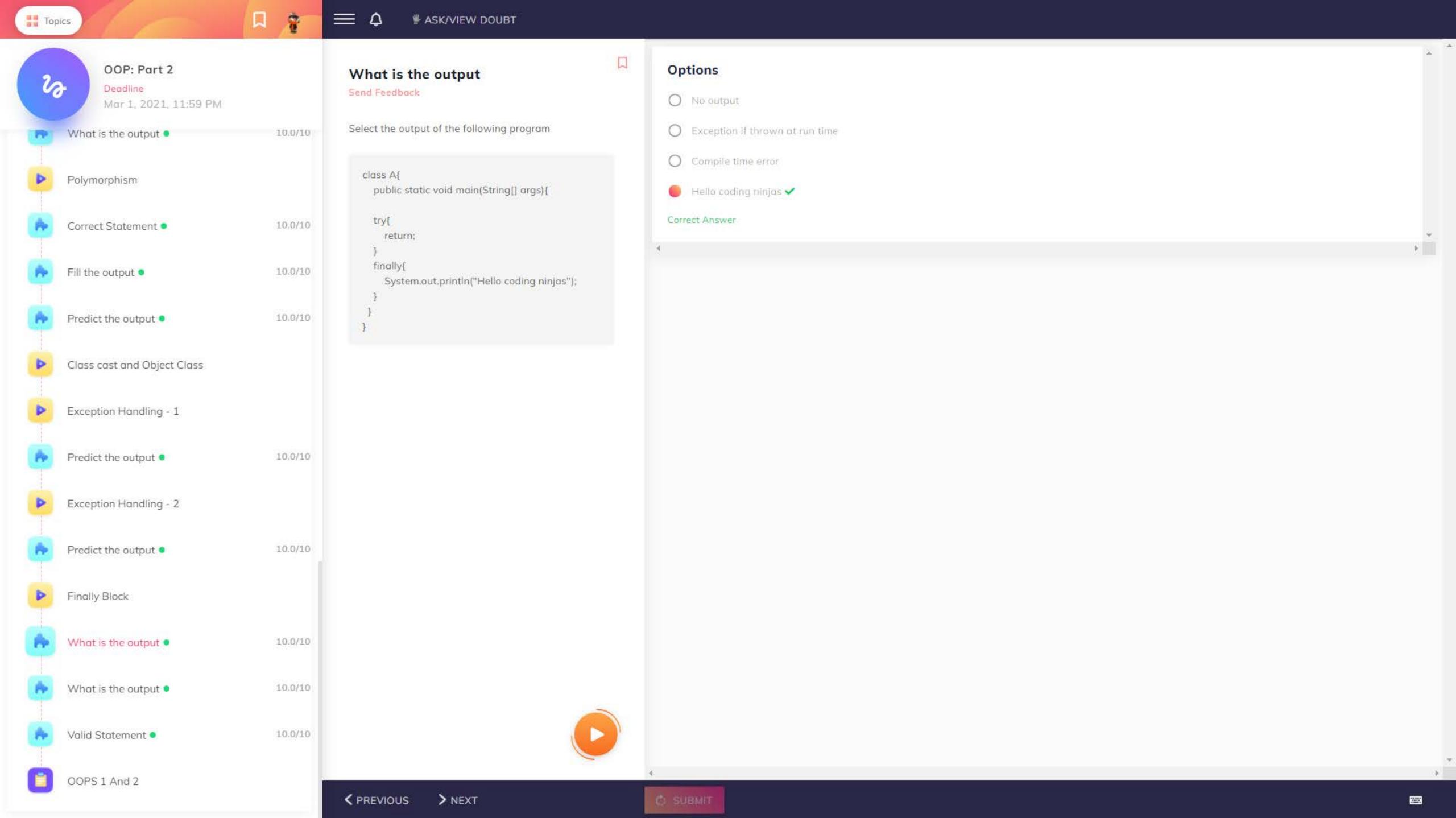
Answer

Type here

caught in main.All is wel✔

caught in main.All is well

Correct Answer

< PREVIOUS   > NEXT   ↻ SUBMIT

OOP: Part 2

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What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output ●   10.0/10

Exception Handling - 2

Predict the output ●   10.0/10

Finally Block

What is the output ●   10.0/10

What is the output ●   10.0/10

Valid Statement ●   10.0/10

OOPS 1 And 2

What is the output

Send Feedback

Select the output of the following program

```
class A{
    public static void main(String[] args){

        try{
            return;
        }
        finally{
            System.out.println("Hello coding ninjas");
        }
    }
}
```

Options

○ No output

○ Exception if thrown at run time

○ Compile time error

● Hello coding ninjas ✔

Correct Answer

PREVIOUS   NEXT   SUBMIT

OOP: Part 2

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What is the output

Send Feedback

Select the output of the following program

```java
class A{
    public static void main(String[] args){

    try{
        int a = 5/0;
    }
    catch(Exception e){
        System.out.print("Exception caught ");
    }
    catch(ArithmeticException e){
        System.out.print("Arithmetic Exception
caught ");
    }
    finally{
        System.out.print("finally block");
    }
    }
}
```

Options

○ Exception caught

○ Exception caught Arithmetic Exception caught finally block

● Compile time error ✔

○ finally block

Correct Answer

‹ PREVIOUS   › NEXT   ⟳ SUBMIT

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ASK/VIEW DOUBT

OOP: Part 2

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What is the output ●   10.0/10

Polymorphism

Correct Statement ●   10.0/10

Fill the output ●   10.0/10

Predict the output ●   10.0/10

Class cast and Object Class

Exception Handling - 1

Predict the output ●   10.0/10

Exception Handling - 2

Predict the output ●   10.0/10

Finally Block

What is the output ●   10.0/10

What is the output ●   10.0/10

Valid Statement ●   10.0/10

OOPS 1 And 2

Valid Statement

Send Feedback

Select the correct statement -

Options

○ The 'try' block should be followed by a 'catch' block.

○ The 'try' block should be followed by a 'finally' block.

● The 'try' block should be followed by either a 'catch' block or a 'finally' block. ✔

○ can write independent try block

Correct Answer

< PREVIOUS   > NEXT   ↻ SUBMIT