Department of Computer Science

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OOP Quiz: 03

Question: 01

Source Code:

```java
public class prob1 {
    public static void main(String args[]) {
        Car car = new Car("BMW", "V5", 2020);
    }
}
class Vehicle {
    public String make;
    public String model;

    Vehicle(String make, String model) {
        this.make = make;
        this.model = model;
    }
}

class Car extends Vehicle {
    public int year;

    Car(String make, String model, int year) {
        super(make, model);
        this.year = year;
    }
}
```

Question: 02

Source Code:

```java
public class prob1 {
    public static void main(String args[]) {
        HourlyEmployee emp = new HourlyEmployee("Maqsood",
5720900);
        System.out.println("The salary of " + emp.name " is: " +
emp.calculateSalary());
    }
}
abstract class Employee {
    String name;
    int salary;
    abstract int calculateSalary();
}
class HourlyEmployee extends Employee {
    HourlyEmployee(String name, int salary) {
        super.name = name;
        super.salary = salary;
    }
    @Override
    int calculateSalary() {
        return salary;
    }
}
```

OUTPUT:

```
TERMINAL

Microsoft Windows [Version 10.0.22631.3593]
(c) Microsoft Corporation. All rights reserved.

D:\Code Playground\Java\Lab_Quiz_03>cd "d:\Code Playground\Java\Lab_Quiz_03\" && javac prob2.java && java prob2
The salary of Maqsood is: 5720900

d:\Code Playground\Java\Lab_Quiz_03>
```

The End