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Quiz-1

OOP

1. Is there any error in the following code. If 'yes', provide the correction. If 'no' what will be the output of this program? 5

```
1   public class University {
2   2    public static void main(String[] args) {
3   3    Daffodil diu = new Department();
4   4    diu.display();
5   5    }
6   6    }
7   7
8   8    class Daffodil {
9   9    void display() {
10  10   System.out.println("Daffodil International University");
11  11   }
12  12   }
13  13
14  14   class Department extends Daffodil {
15  15   void display() {
16  16   System.out.println("Computer Science & Engineering");
17  17   }
18  18   }
```

2. Write a Java program that takes a student's details **Name, CGPA, and Email** as input from the user, and then displays the entered information in a **single system out method.** 5

3. Consider the following UML notation of a Class. Write the implementation of the above UML using **Java language.** Inside the main method, create an object and show calling of all the methods with expected output of the call. 5

