

Phase-1 Practice Project: Assisted Practice

8. Write a program in Java to demonstrate the uses of classes, objects, and the object-oriented pillars in Java

```
package Demo;

class Person {

    private String name;

    private int age;


    public Person(String name, int age) {

        this.name = name;

        this.age = age;

    }


    public String getName() {

        return this.name;

    }


    public void setName(String name) {

        this.name = name;

    }


    public int getAge() {

        return this.age;

    }


    public void setAge(int age) {

        this.age = age;

    }


    public void printDetails() {
```

```
        System.out.println("Name: " + this.name);
        System.out.println("Age: " + this.age);
    }
}
```

```
public class Pillar {
    public static void main(String[] args) {
        Person person1 = new Person("Nick", 24);
        Person person2 = new Person("Vin", 26);

        System.out.println("Before modification:");
        person1.printDetails();
        person1.setName("Nickhil");
        person1.setAge(27);
        System.out.println("After modification:");
        person1.printDetails();

        System.out.println("Before modification:");
        person2.printDetails();
        person2.setName("Vineeth");
        person2.setAge(29);
        System.out.println("After modification:");
        person2.printDetails();
    }
}
```

<terminated> Pillar [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe

Before modification:

Name: Nick

Age: 24

After modification:

Name: Nickhil

Age: 27

Before modification:

Name: Vin

Age: 26

After modification:

Name: Vineeth

Age: 29

