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ASSIGNMENT1

```
public class Demo {  
    private String studentName;  
    private String collegeName;  
    private int studentID;  
  
    public static void main(String[] args) {  
  
        System.out.println("successful!!");  
    }  
}
```



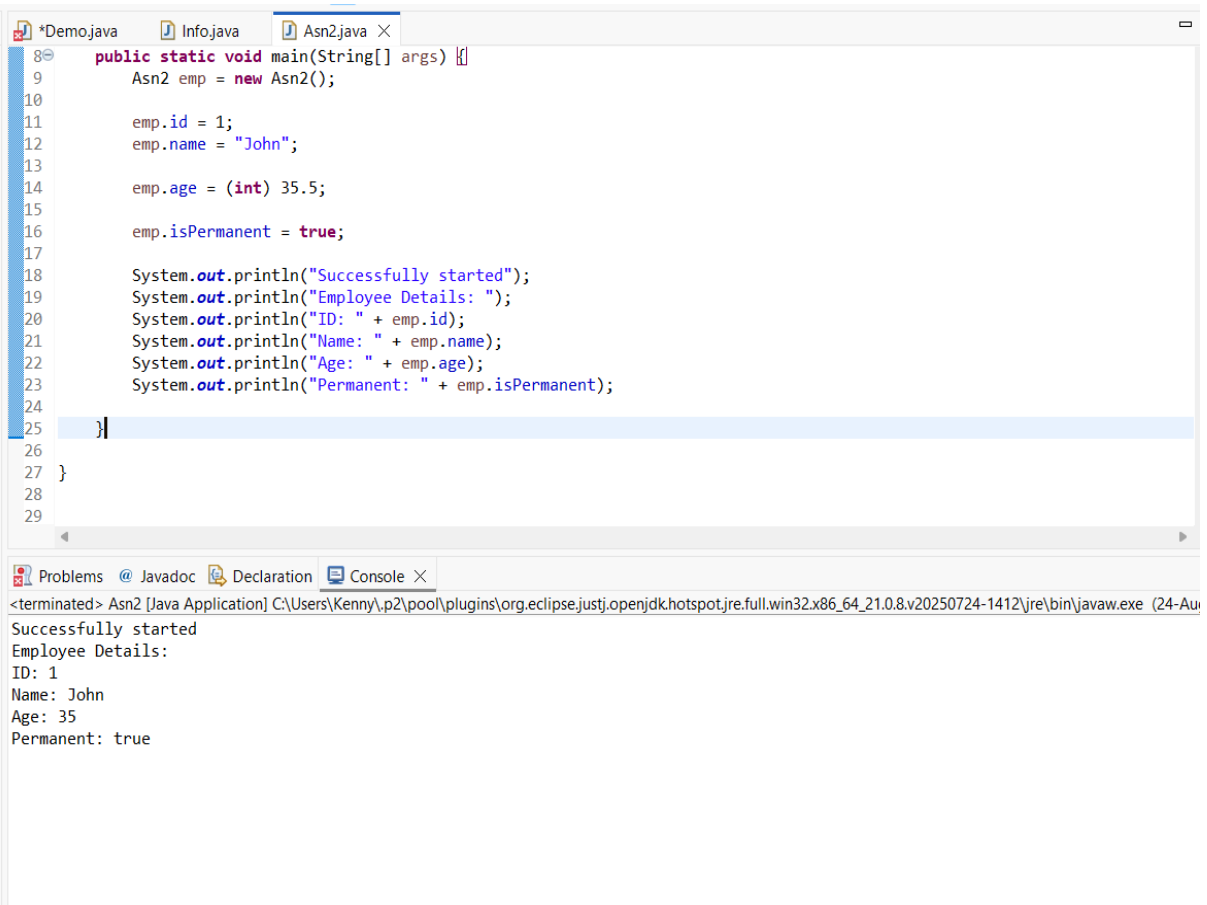
```
1 public class Demo {  
2     private String studentName;  
3     private String collegeName;  
4     private int studentID;  
5  
6  
7  
8     public static void main(String[] args) {  
9         // TODO Auto-generated method stub  
10  
11         System.out.println("successful!!");  
12     }  
13 }  
14  
15 }  
16
```

<terminated> Demo [Java Application] C:\Users\Kenny\AppData\Local\Temp\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\ja
successful!!

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Assignment 2

```
public class Asn2 {  
    protected int id;  
    protected int age;  
    protected String name;  
    protected boolean isPermanent;  
  
    public static void main(String[] args) {  
        Asn2 emp = new Asn2();  
  
        emp.id = 1;  
        emp.name = "John";  
        emp.age = (int) 35.5;  
        emp.isPermanent = true;  
  
        System.out.println("Successfully started");  
        System.out.println("Employee Details: ");  
        System.out.println("ID: " + emp.id);  
        System.out.println("Name: " + emp.name);  
        System.out.println("Age: " + emp.age);  
        System.out.println("Permanent: " + emp.isPermanent);  
  
    }  
}
```



The screenshot shows the Eclipse IDE interface. The top editor pane displays a Java file named `Asn2.java` with the following code:

```
8 public static void main(String[] args) {  
9     Asn2 emp = new Asn2();  
10  
11     emp.id = 1;  
12     emp.name = "John";  
13  
14     emp.age = (int) 35.5;  
15  
16     emp.isPermanent = true;  
17  
18     System.out.println("Successfully started");  
19     System.out.println("Employee Details: ");  
20     System.out.println("ID: " + emp.id);  
21     System.out.println("Name: " + emp.name);  
22     System.out.println("Age: " + emp.age);  
23     System.out.println("Permanent: " + emp.isPermanent);  
24  
25 }  
26  
27 }  
28  
29
```

The bottom editor pane shows the `Console` view with the following output:

```
<terminated> Asn2 [Java Application] C:\Users\Kenny\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (24-Au  
Successfully started  
Employee Details:  
ID: 1  
Name: John  
Age: 35  
Permanent: true
```

Assignment 3

```
public class Assignment3 {
```

```
    String name = "Monisha";
```

```
    int age = 22;
```

```
    int salary = 50000;
```

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

```
        Assignment3 a = new Assignment3();
```

```
        System.out.println("Test Successful");
```

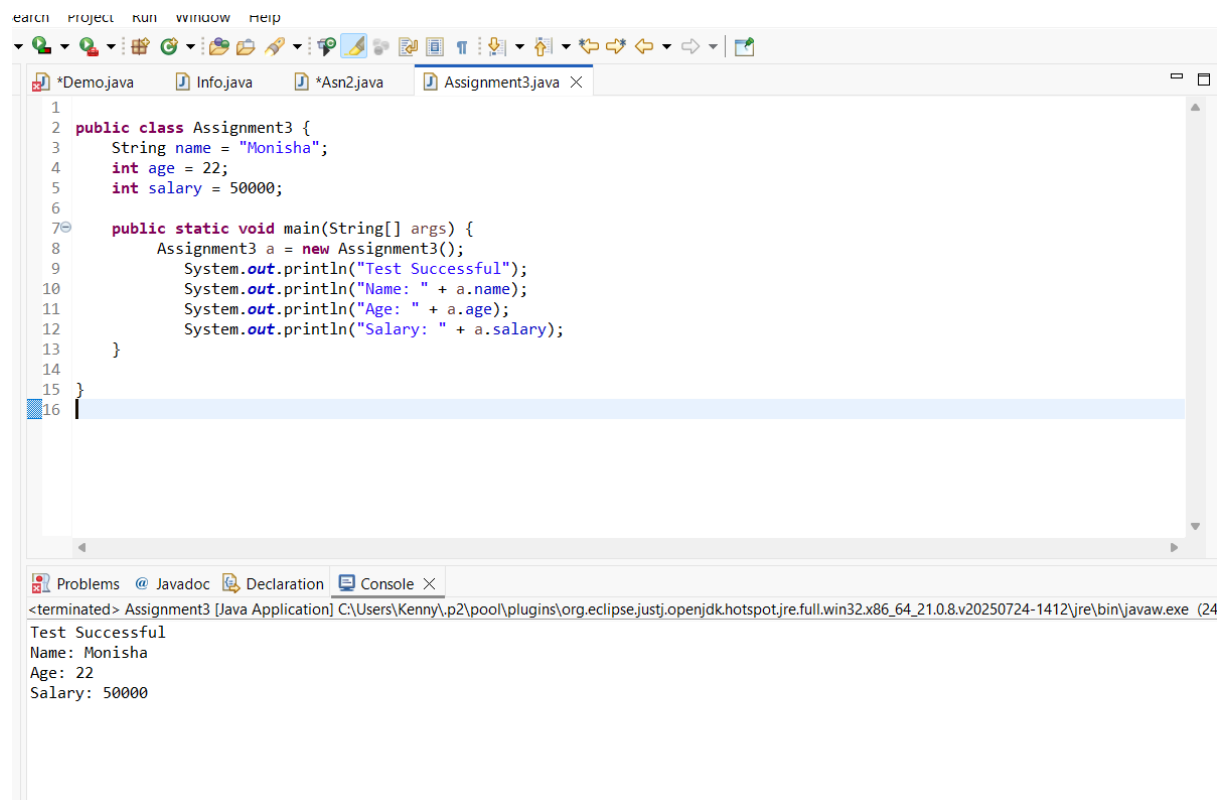
```
        System.out.println("Name: " + a.name);
```

```
        System.out.println("Age: " + a.age);
```

```
        System.out.println("Salary: " + a.salary);
```

```
    }
```

```
}
```



The screenshot shows the Eclipse IDE interface. The top toolbar includes icons for search, project, run, window, and help. Below the toolbar, the 'Project' tab is active, showing a list of files: Demo.java, Info.java, Asn2.java, and Assignment3.java. The 'Assignment3.java' file is open in the editor, displaying the following code:

```
1
2 public class Assignment3 {
3     String name = "Monisha";
4     int age = 22;
5     int salary = 50000;
6
7     public static void main(String[] args) {
8         Assignment3 a = new Assignment3();
9         System.out.println("Test Successful");
10        System.out.println("Name: " + a.name);
11        System.out.println("Age: " + a.age);
12        System.out.println("Salary: " + a.salary);
13    }
14
15 }
16
```

Below the editor, the 'Console' tab is active, showing the output of the program:

```
<terminated> Assignment3 [Java Application] C:\Users\Kenny\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (24
Test Successful
Name: Monisha
Age: 22
Salary: 50000
```

ASSIGNMENT 4

```
public class Info {  
    double width;  
  
    double height;  
  
    Color boxColor;  
  
    enum Color {  
        RED, GREEN, BLUE  
    }  
  
    public static void main(String[] args) {  
        System.out.println(Color.BLUE);  
    }  
}
```

