

**OBJECT ORIENTED PROGRAMMING LAB****Experiment No.: 9****Name: Justin V Kalappura****Roll No: 10****Batch: MCA****Date: 17/05/2022****Aim:**

Create class Cpu with attributes price and create inner class processor (no of core, manufacture) and static nested class ram (static memory, manufacture). create an object of Cpu and print information at processor and ram.

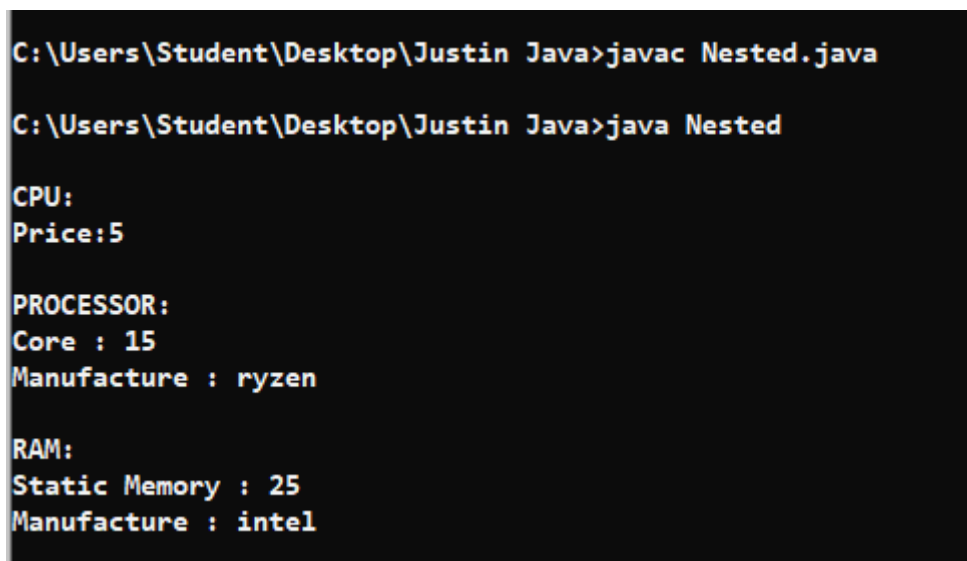
**Procedure:**

```
public class Nested
{
    public static void main(String args[])
    {
        Cpu obj=new Cpu();
        Cpu.Processor obj1=obj.new Processor();
        Cpu.Ram obj2=new Cpu.Ram();
        System.out.println("\nCPU:");
        System.out.println("Price:"+obj.price);
        System.out.println("\nPROCESSOR:");
        System.out.println("Core : "+obj1.core);
        System.out.println("Manufacture : "+obj1.manufacture);
        System.out.println("\nRAM:");
        System.out.println("Static Memory : "+ Cpu.Ram.memory);
        System.out.println("Manufacture : "+obj2.manufacture);
    }
}

class Cpu
{
    int price =5;
    class Processor
    {
        int core =15;
```

```
String manufacture="ryzen";  
}  
static class Ram  
{ static int memory =25;  
String manufacture ="intel";  
}  
}
```

### Output Screenshot:



```
C:\Users\Student\Desktop\Justin Java>javac Nested.java  
C:\Users\Student\Desktop\Justin Java>java Nested  
  
CPU:  
Price:5  
  
PROCESSOR:  
Core : 15  
Manufacture : ryzen  
  
RAM:  
Static Memory : 25  
Manufacture : intel
```