

**OBJECT ORIENTED PROGRAMMING LAB****Experiment No: 7****Name: Mathew Sebastian****Roll No: 18****Batch: S2 RMCA B****Date: 17-05-2022****Aim**

Create CPU with attribute price. Create inner class Processor (no. of cores, manufacturer) and static nested class RAM (memory, manufacturer). Create an object of CPU and print information of Processor and RAM.

**Procedure**

```
class Cpu{
    int price=10000;

    class Processor{
        int core=7;
        String manufacturer="intel";
    }

    static class Ram{
        String memory="12 gb";
        String manufacturer="ibm";
    }
}

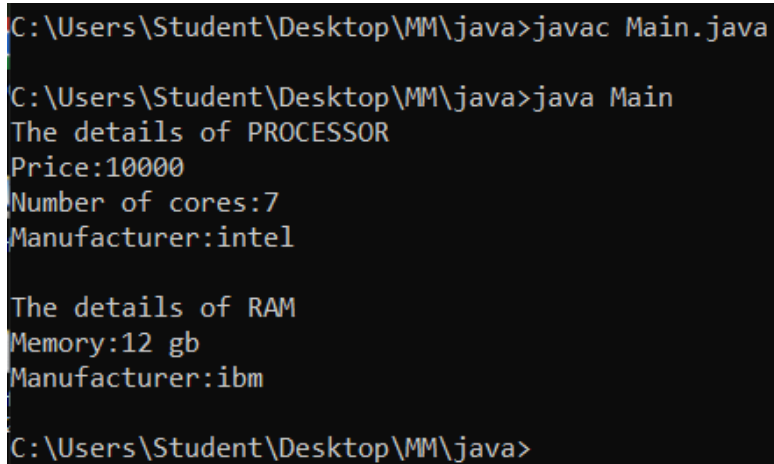
public class Main{

    public static void main(String args[]){
        Cpu cpu=new Cpu();
        Cpu.Processor processor =cpu.new Processor();
        Cpu.Ram ramobj=new Cpu.Ram();
        System.out.println("The details of PROCESSOR");
        System.out.println("Price:"+cpu.price);
        System.out.println("Number of cores:"+processor.core);
        System.out.println("Manufacturer:"+processor.manufacturer);
        System.out.println(" ");
        System.out.println("The details of RAM");
        System.out.println("Memory:"+ramobj.memory);
    }
}
```

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```
System.out.println("Manufacturer:"+ramobj.manufacturer);  
}  
  
}
```

### **Output Screenshot**



```
C:\Users\Student\Desktop\MM\java>javac Main.java  
  
C:\Users\Student\Desktop\MM\java>java Main  
The details of PROCESSOR  
Price:10000  
Number of cores:7  
Manufacturer:intel  
  
The details of RAM  
Memory:12 gb  
Manufacturer:ibm  
  
C:\Users\Student\Desktop\MM\java>
```