

OBJECT ORIENTED PROGRAMMING LAB

Experiment No.: 5

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{  
    float Price=20000;  
    class Processor{  
        int NoOfCores=4;  
        String Manufactures="Rayzen s5";  
    }  
    static class RAM{  
        static int Memory=8;  
        static String M_Manufactures="HP";  
    }  
}  
  
public class Details{  
    public static void main(String args[]){  
        CPU C1=new CPU();  
        CPU.Processor Pro=C1.new Processor();  
        CPU.RAM ram=new CPU.RAM();  
        System.out.println("Price : "+ C1.Price);  
        System.out.println("No of Cores :"+ Pro.NoOfCores);  
        System.out.println("Manufactures :"+ Pro.Manufactures);  
        System.out.println("Memory :"+CPU.RAM.Memory);  
        System.out.println("Memory Manufactures:"+ ram.M_Manufactures);  
    }  
}
```

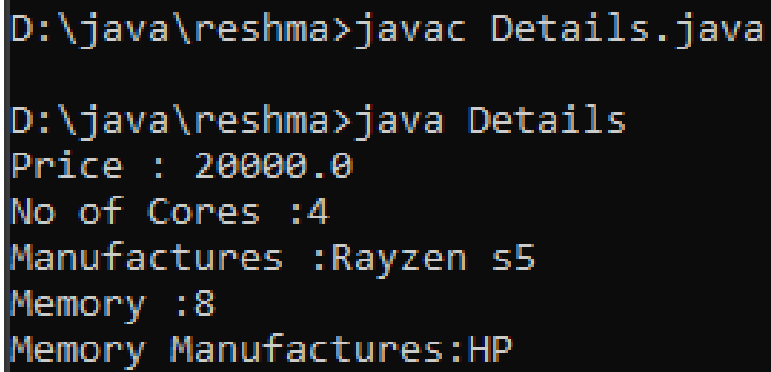
Name: Reshma K S

Roll No:27

Batch: MCA B

Date:17/05/2022

```
}  
  
}
```

Output Screenshot

```
D:\java\reshma>javac Details.java  
  
D:\java\reshma>java Details  
Price : 20000.0  
No of Cores :4  
Manufactures :Rayzen s5  
Memory :8  
Memory Manufactures:HP
```