

PROGRAM

```
import java.util.Scanner;
```

```
class CPU {  
    double price;
```

```
    CPU(double price) {  
        this.price = price;  
    }  
}
```

```
class Processor {  
    int no_of_cores;  
    String manufacturer;
```

```
    void processorDetails(Scanner read) {  
        System.out.print("Enter no.of cores  
in processor :");  
        no_of_cores = read.nextInt();  
        read.nextLine();  
        System.out.print("Enter the
```

```
manufacturer name :");
    manufacturer = read.nextLine();
}
void display(){
    System.out.println("\nProcessor
Details");

    System.out.println("\nextLineNo of
Cores : "+no_of_cores+"\nManufacturer :
"+manufacturer+"\n");
}
}
```

```
static class RAM {
    static int memory;
    static String manufacturer;
    static void ramDetails(Scanner read) {
        System.out.print("Enter the size of
memory(in GB) :");
        memory = read.nextInt();
        read.nextLine();
    }
}
```

```
        System.out.print("Enter the  
manufacturer name :");  
        manufacturer = read.nextLine();  
    }
```

```
    static void display(){  
        System.out.println("Memory  
Details");
```

```
        System.out.println("\nMemory size :  
"+memory+"GB\nManufacturer :  
"+manufacturer+"\n");  
    }  
}
```

```
void Display(Scanner read){  
    Processor p= new Processor();  
    p.processorDetails(read);  
    RAM.ramDetails(read);  
    p.display();  
    RAM.display();  
}
```

```
}
```

```
public class DisplayCpuInfo {  
    public static void main(String args[]) {  
        Scanner read = new  
Scanner(System.in);  
        System.out.print("\nEnter the price of  
the cpu:");  
        double price = read.nextDouble();  
        CPU c1 = new CPU(price);  
        c1.Display(read);  
    }  
}
```

OUTPUT

Enter the price of the CPU :1199

Enter no.of cores in processor :2

Enter the manufacturer name :Intel

Enter the size of memory(in GB) :16

Enter the manufacturer name :Intel

ProcessorDetails

nextLineNo of Cores :2

Manufacturer :Intel

Memory Details

Memory size :16GB

Manufacturer :Intel