

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

```
static class RAM
{
    int memory;
    String manufacturer;
    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();
}
void display(){
    System.out.println("Memory
Details");
    System.out.println("");
    System.out.println("\nMemory size :
"+memory+"GB\nManufacturer :
"+manufacturer+"\n");
}
}
}

```

```

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);  
    CPU.Processor p1= c1.new  
Processor();  
    CPU.RAM r1=new CPU.RAM();  
    p1.processorDetails(read);  
    r1.ramDetails(read);  
    p1.display();  
    r1.display();  
    }  
}
```