

## LAB CYCLE 1:

**DATE:29/4/2021**

**AIM:** Create a class Product with members pcode, pname, price.  
Create objects of the same and compare them based on price.

### PROGRAM CODE:

```
package product;
public class Product
{
    String pcode;
    String pname;
    int price;

    public Product(String pc, String pn, int pri)
    {
        this.pcode=pc;
        this.pname=pn;
        this.price=pri;
    }
    public int get()
    {
        return this.price;
    }
    public void display()
    {
        System.out.print("Product with highest price:"+"\n");
        System.out.print("Code:"+pcode+"\n");
        System.out.print("Name:"+pname+"\n");
        System.out.print("Price:"+price+"\n");
    }
}
class Main
{
    public static void main(String args[])
    {

        Product p1=new Product("tv","TV",100);
        Product p2=new Product("fan","FAN",220);
        Product p3=new Product("inv","INVERTER",390);
```

```
    if((p1.price >= p2.price) && (p1.price >= p3.price))
        p1.display();
    else if((p2.price >= p1.price) && (p2.price >= p3.price))
        p2.display();
    else
        p3.display();
}
```