**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();

}

}