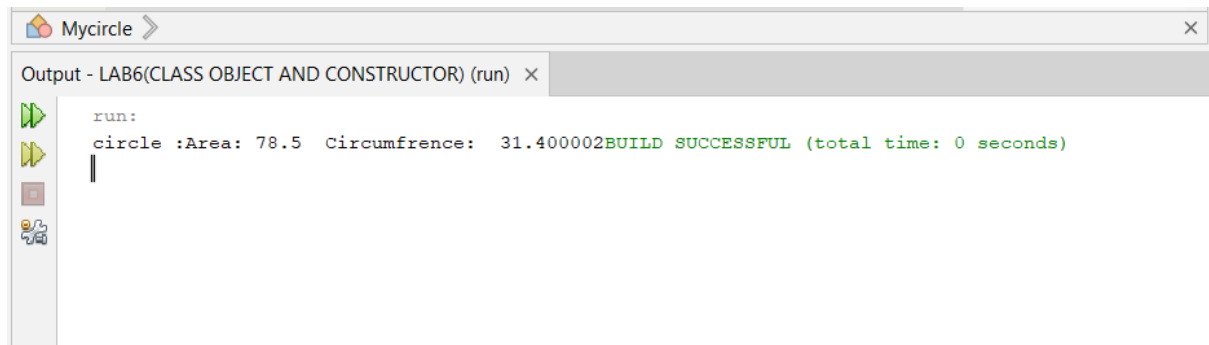


Lab6

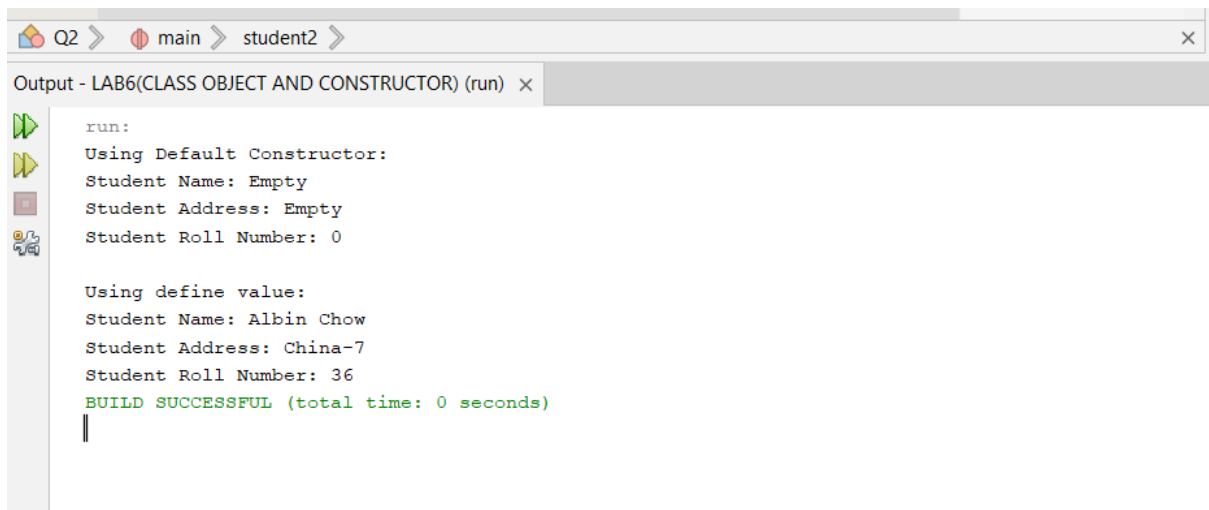
Question1.



The screenshot shows the Mycircle IDE interface. The title bar reads "Mycircle". Below it, the output window is titled "Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x". The output text is as follows:

```
run:
circle :Area: 78.5  Circumfrence:  31.400002BUILD SUCCESSFUL (total time: 0 seconds)
```

Question2.

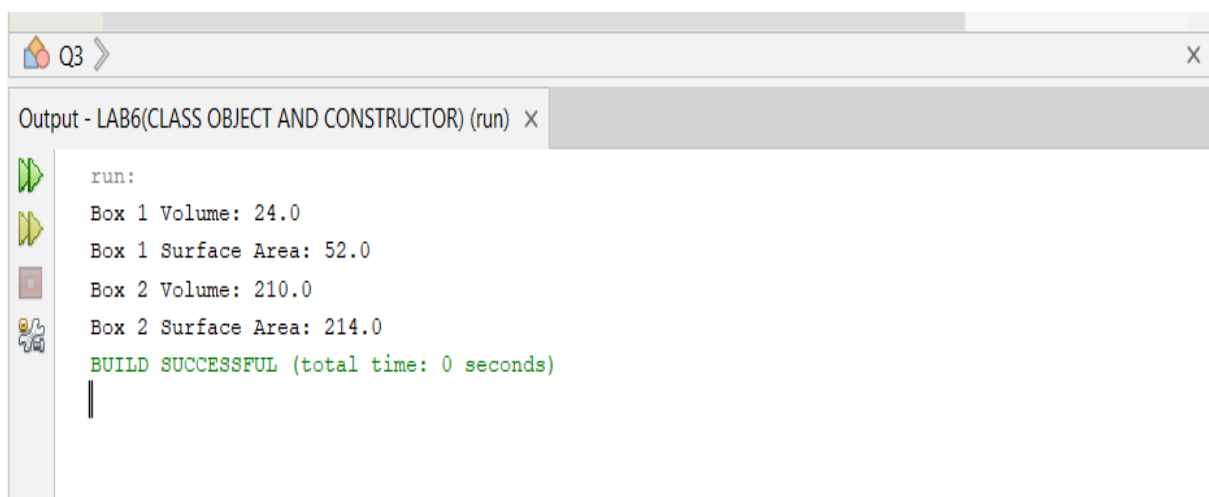


The screenshot shows the Q2 IDE interface. The title bar reads "Q2" with sub-titles "main" and "student2". The output window is titled "Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x". The output text is as follows:

```
run:
Using Default Constructor:
Student Name: Empty
Student Address: Empty
Student Roll Number: 0

Using define value:
Student Name: Albin Chow
Student Address: China-7
Student Roll Number: 36
BUILD SUCCESSFUL (total time: 0 seconds)
```

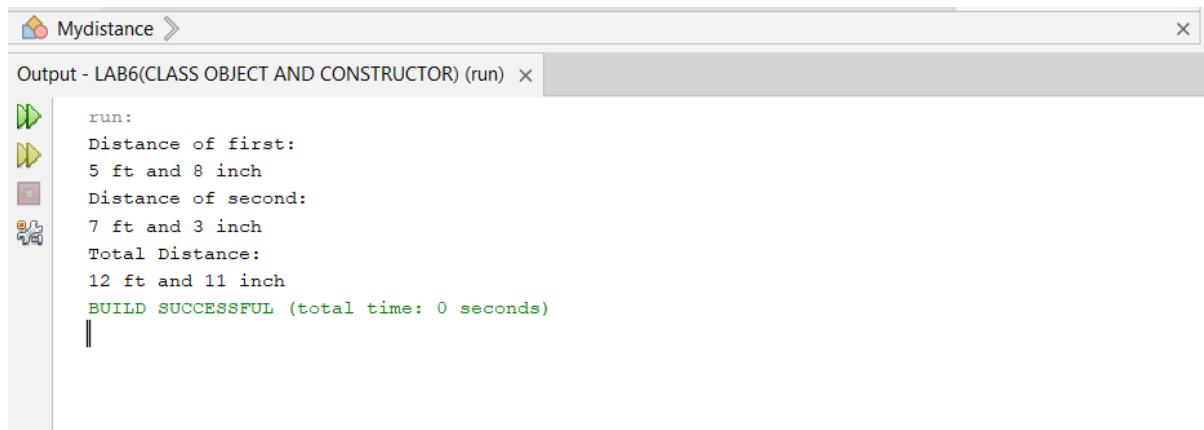
Question3.



The screenshot shows the Q3 IDE interface. The title bar reads "Q3". The output window is titled "Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x". The output text is as follows:

```
run:
Box 1 Volume: 24.0
Box 1 Surface Area: 52.0
Box 2 Volume: 210.0
Box 2 Surface Area: 214.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

Question4.

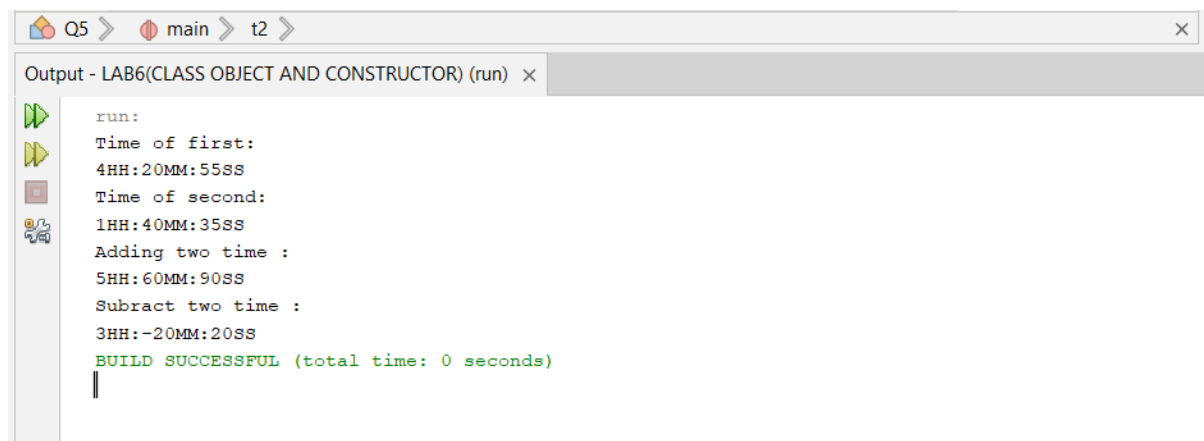


Mydistance

Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x

```
run:
Distance of first:
5 ft and 8 inch
Distance of second:
7 ft and 3 inch
Total Distance:
12 ft and 11 inch
BUILD SUCCESSFUL (total time: 0 seconds)
```

Question5.

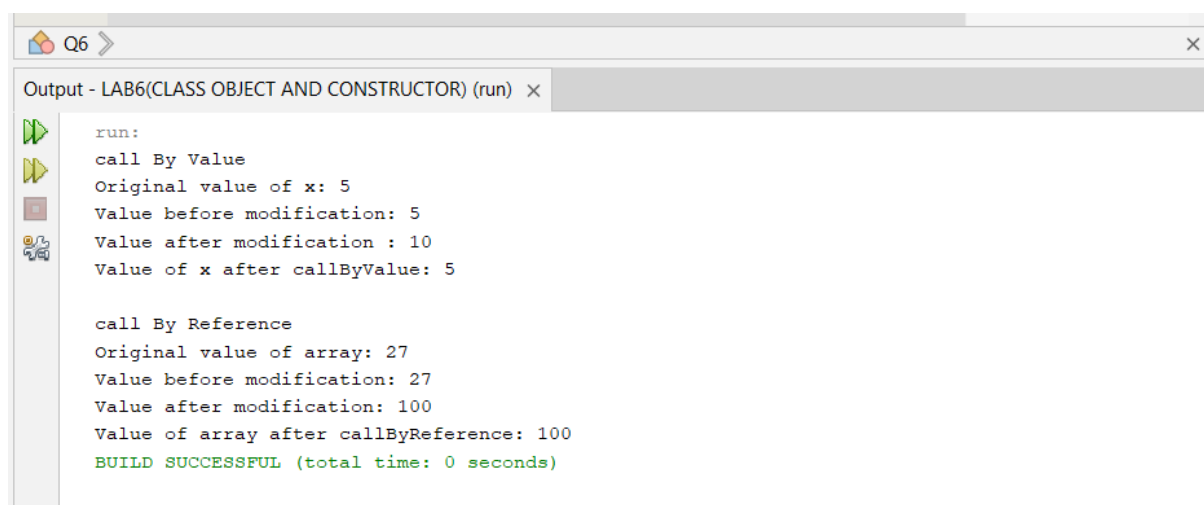


Q5 main t2

Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x

```
run:
Time of first:
4HH:20MM:55SS
Time of second:
1HH:40MM:35SS
Adding two time :
5HH:60MM:90SS
Subtract two time :
3HH:-20MM:20SS
BUILD SUCCESSFUL (total time: 0 seconds)
```

Question6.



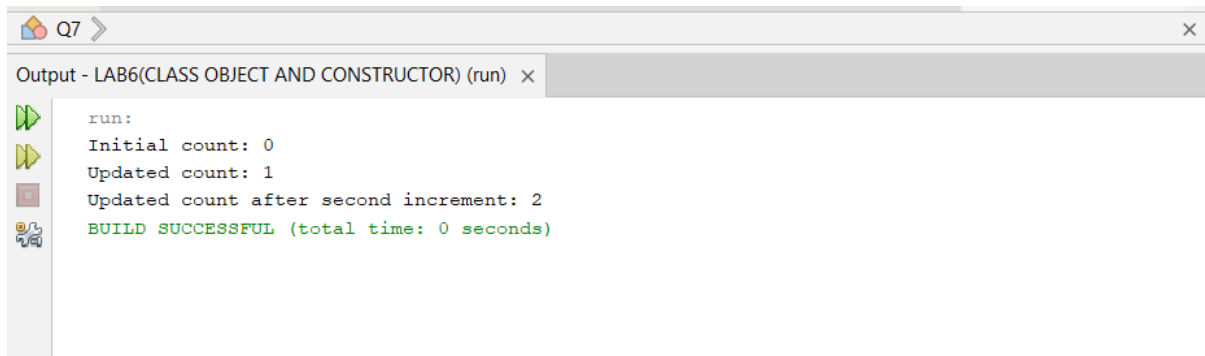
Q6

Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x

```
run:
call By Value
Original value of x: 5
Value before modification: 5
Value after modification : 10
Value of x after callByValue: 5

call By Reference
Original value of array: 27
Value before modification: 27
Value after modification: 100
Value of array after callByReference: 100
BUILD SUCCESSFUL (total time: 0 seconds)
```

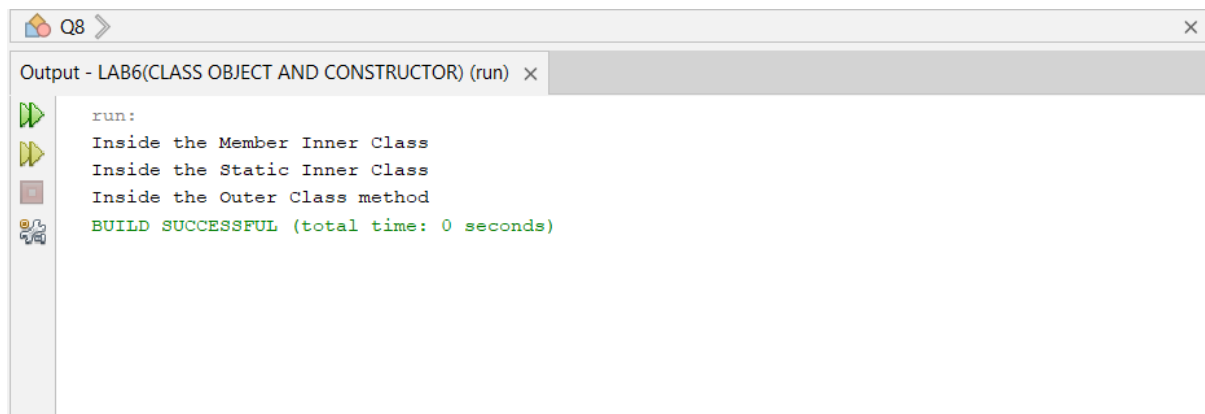
Question7.



The screenshot shows an IDE window titled "Q7" with a close button. Below the title bar is a tab labeled "Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x". The output area contains the following text:

```
run:
Initial count: 0
Updated count: 1
Updated count after second increment: 2
BUILD SUCCESSFUL (total time: 0 seconds)
```

Question8.



The screenshot shows an IDE window titled "Q8" with a close button. Below the title bar is a tab labeled "Output - LAB6(CLASS OBJECT AND CONSTRUCTOR) (run) x". The output area contains the following text:

```
run:
Inside the Member Inner Class
Inside the Static Inner Class
Inside the Outer Class method
BUILD SUCCESSFUL (total time: 0 seconds)
```