

Program no:

Aim :

write lambda function to find area of square, rectangle and triangle.

Program:

```
print ("Lambda function to find area of  
square, rectangle and triangle.")
```

```
print ("Area of rectangle ")
```

```
print ("Enter the length and width of the  
rectangle : ")
```

```
l = int (input (l))
```

```
w = int (input (w))
```

```
x = lambda l, w: l * w
```

```
print ("Area of rectangle is: ", x (l, w))
```



```
print ("Area of square")
```

```
c = int (input (" Enter the length of square:"))
```

```
x = lambda c: c * c
```

```
print ("Area of square is : ", x(c))
```

```
print ("Area of triangle")
```

```
print (" Enter the breadth and height of  
the triangle : ")
```

```
b = int (input())
```

```
h = int (input())
```

```
x = lambda b, h: b * h / 2
```

```
print ("Area of triangle is : ", x(b, h))
```

### Result

The program has been executed and  
output was verified.



## Output

write lambda functions to find area of  
square, rectangle and triangle

Area of rectangle

Enter the length and width of rectangle : 5, 9

Area of rectangle is : 45

Area of square

Enter the length of square : 11

Area of square is : 121

Area of triangle

Enter the base and height of the triangle :

12, 24

Area of triangle is : 144