Ex.No: **Date:**

AREA CALCULATION

```
Module Module5
Dim a, b, h, r, l, i, s As Integer
Sub Main()
Console.WriteLine("find the area of different shape:")
Console.WriteLine("1.square")
Console.WriteLine("2.cube")
Console.WriteLine("3.circle")
Console.WriteLine("4.triangle")
Console.WriteLine("5.quit")
Console.WriteLine()
Console.WriteLine("SELECT ANY ONE OF THE CASE")
i = Console.ReadLine()
Select Case (i)
Case 1
Console.WriteLine("you have selected the square")
Console.WriteLine()
Console.WriteLine("Enter the side value:")
a = Console.ReadLine()
b = a * a
Console.WriteLine(“the area of square is :” & b)
Console.ReadLine()
Case 2
Console.WriteLine("you have selected the cube")
Console.WriteLine("area of the cube")
Console.WriteLine("Enter the side value:")
s = Console.ReadLine()
```

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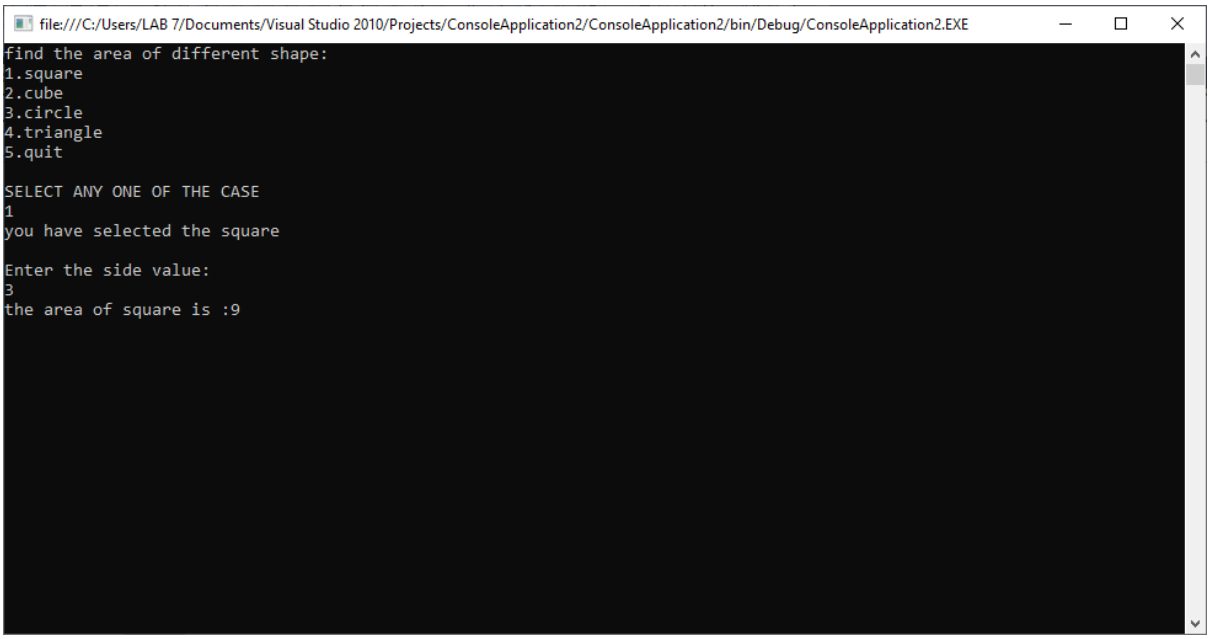
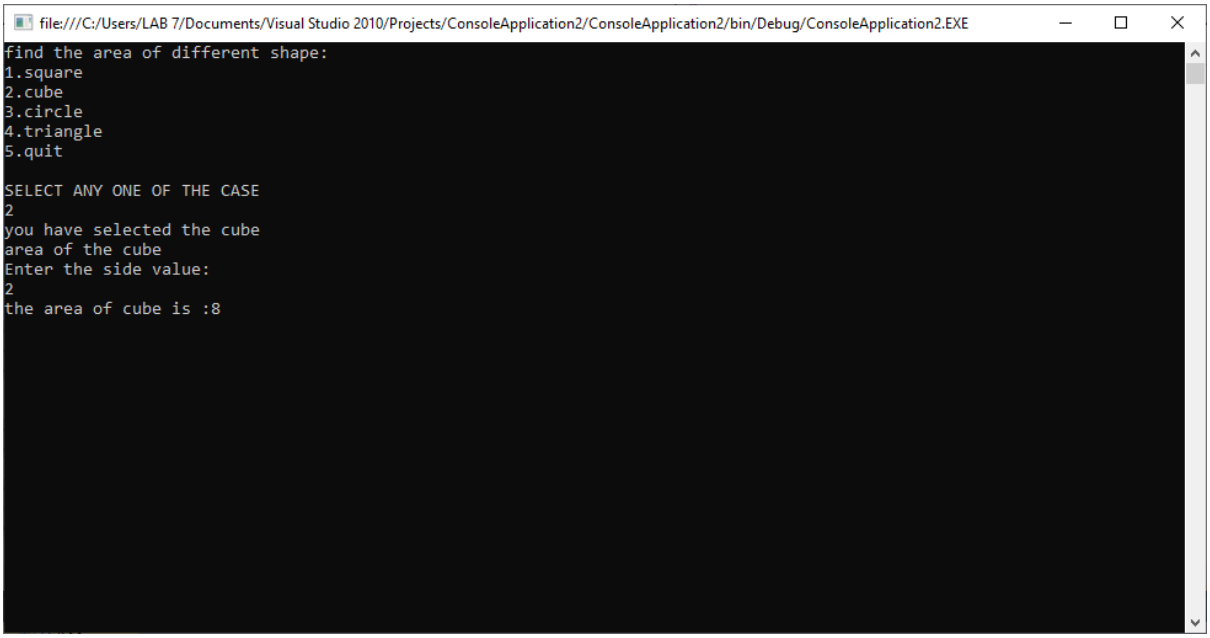
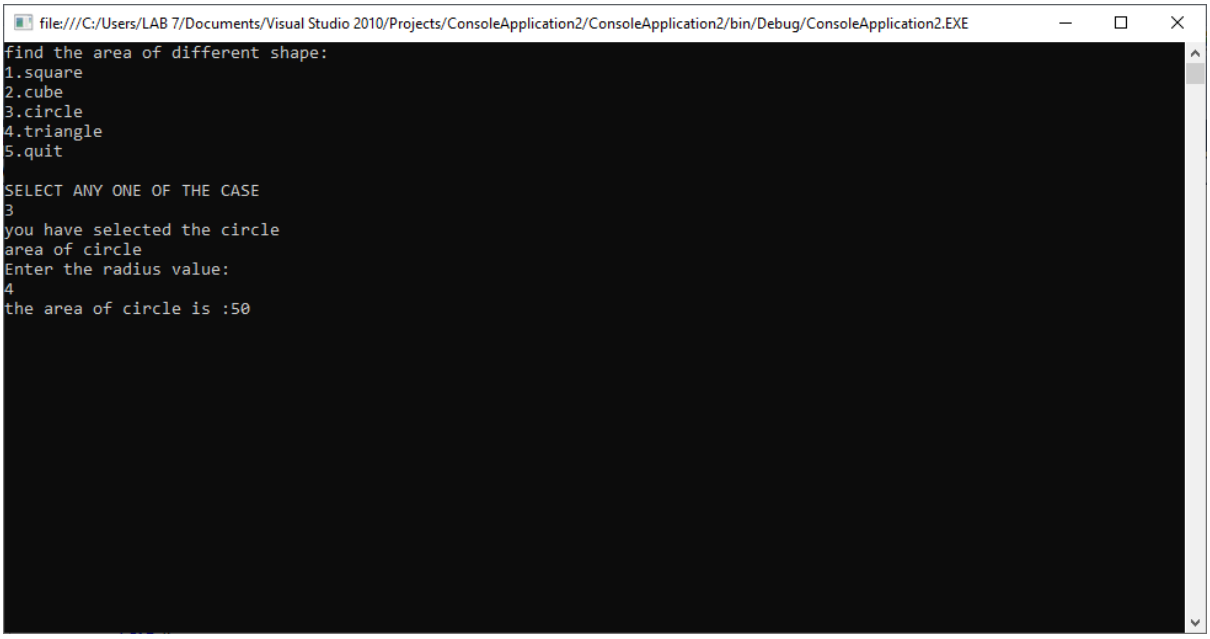
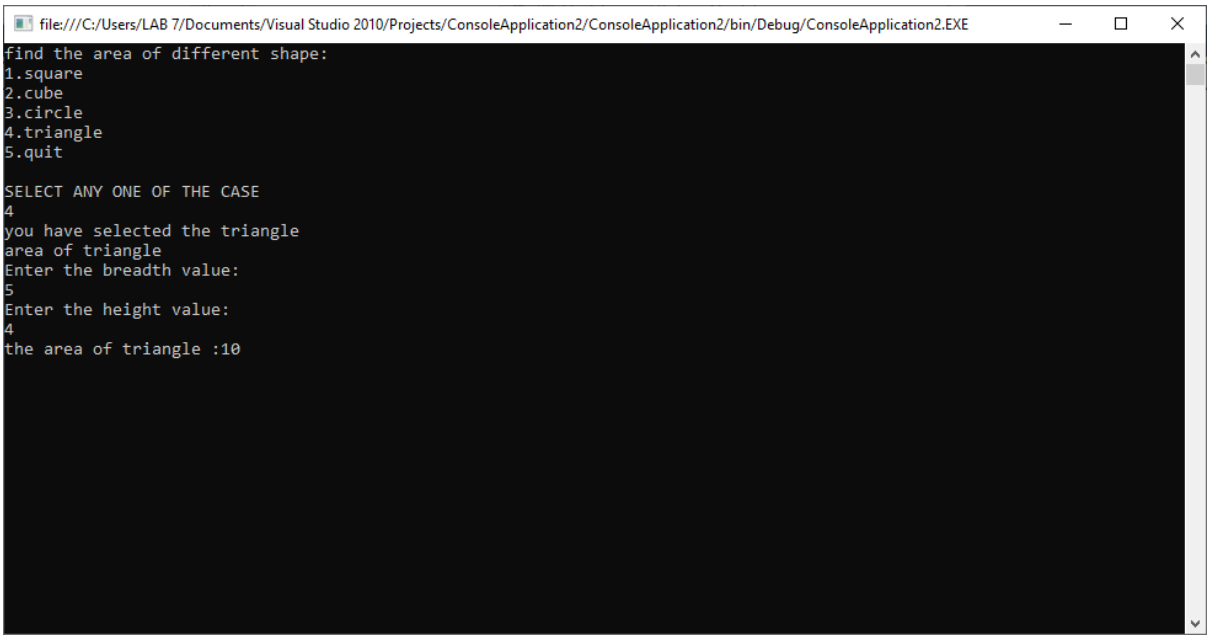
a = s * s * s
Console.WriteLine(“the area of cube is :” & a)
Console.ReadLine()
Case 3
Console.WriteLine("you have selected the circle")
Console.WriteLine("area of circle")
Console.WriteLine("Enter the radius value:")
r = Console.ReadLine()
a = 22 / 7 * r * r
Console.WriteLine(“the area of circle is :” & a)
Console.ReadLine()
Case 4
Console.WriteLine("you have selected the triangle")
Console.WriteLine("area of triangle")
Console.WriteLine("Enter the breadth value:")
b = Console.ReadLine()
Console.WriteLine("Enter the height value:")
h = Console.ReadLine()
a = 1 / 2 * b * h
Console.WriteLine(“the area of triangle is :” & a)
Console.ReadLine()
Case 5
Console.WriteLine("exit")
Console.WriteLine
End Select
Console.ReadLine()
End Sub
End Module
```

OUTPUT:


file:///C:/Users/LAB 7/Documents/Visual Studio 2010/Projects/ConsoleApplication2/ConsoleApplication2/bin/Debug/ConsoleApplication2.EXE
find the area of different shape:
1.square
2.cube
3.circle
4.triangle
5.quit
SELECT ANY ONE OF THE CASE
1
you have selected the square
Enter the side value:
3
the area of square is :9


file:///C:/Users/LAB 7/Documents/Visual Studio 2010/Projects/ConsoleApplication2/ConsoleApplication2/bin/Debug/ConsoleApplication2.EXE
find the area of different shape:
1.square
2.cube
3.circle
4.triangle
5.quit
SELECT ANY ONE OF THE CASE
2
you have selected the cube
area of the cube
Enter the side value:
2
the area of cube is :8


file:///C:/Users/LAB 7/Documents/Visual Studio 2010/Projects/ConsoleApplication2/ConsoleApplication2/bin/Debug/ConsoleApplication2.EXE
find the area of different shape:
1.square
2.cube
3.circle
4.triangle
5.quit
SELECT ANY ONE OF THE CASE
3
you have selected the circle
area of circle
Enter the radius value:
4
the area of circle is :50


file:///C:/Users/LAB 7/Documents/Visual Studio 2010/Projects/ConsoleApplication2/ConsoleApplication2/bin/Debug/ConsoleApplication2.EXE
find the area of different shape:
1.square
2.cube
3.circle
4.triangle
5.quit
SELECT ANY ONE OF THE CASE
4
you have selected the triangle
area of triangle
Enter the breadth value:
5
Enter the height value:
4
the area of triangle :10