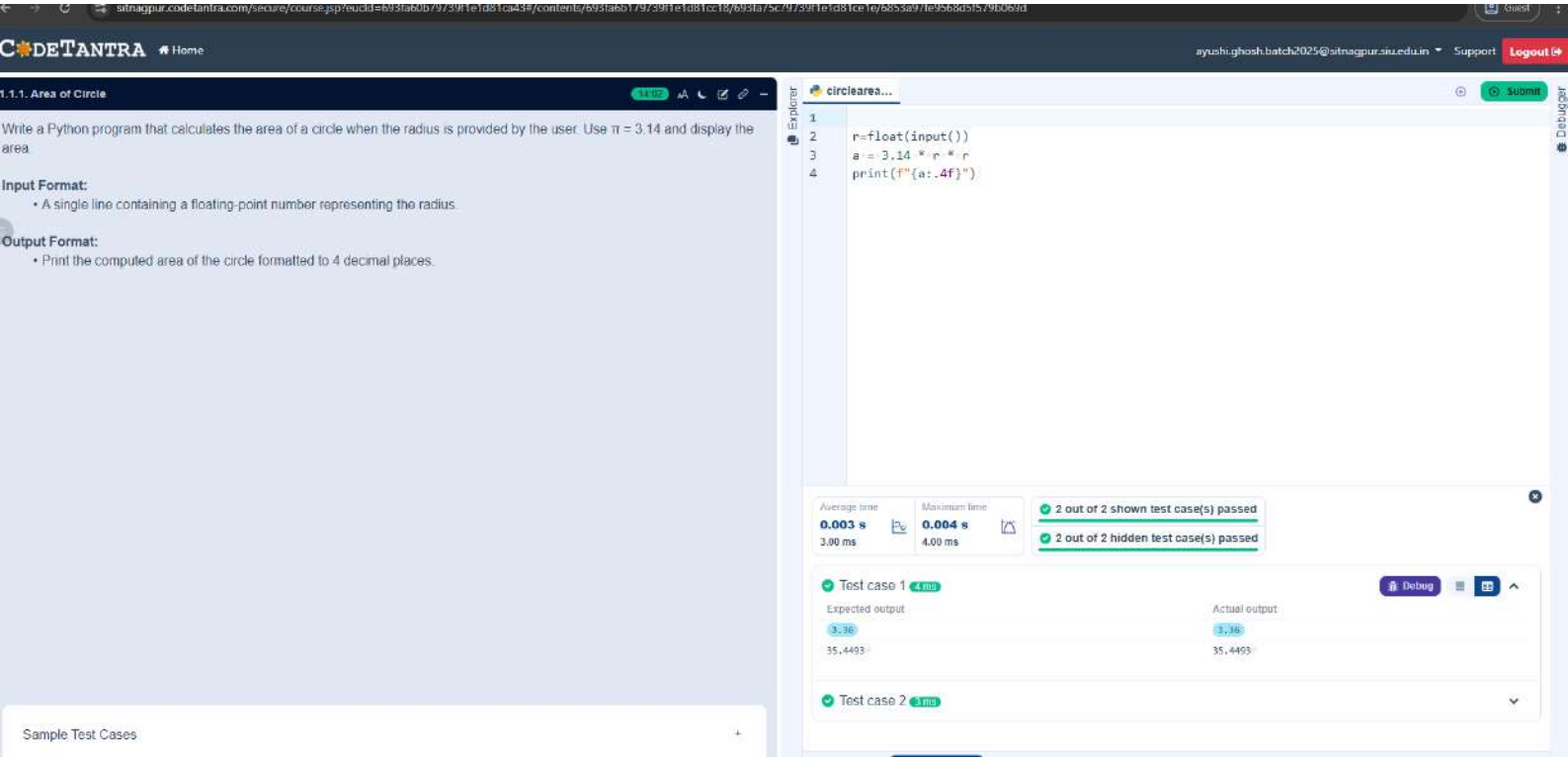
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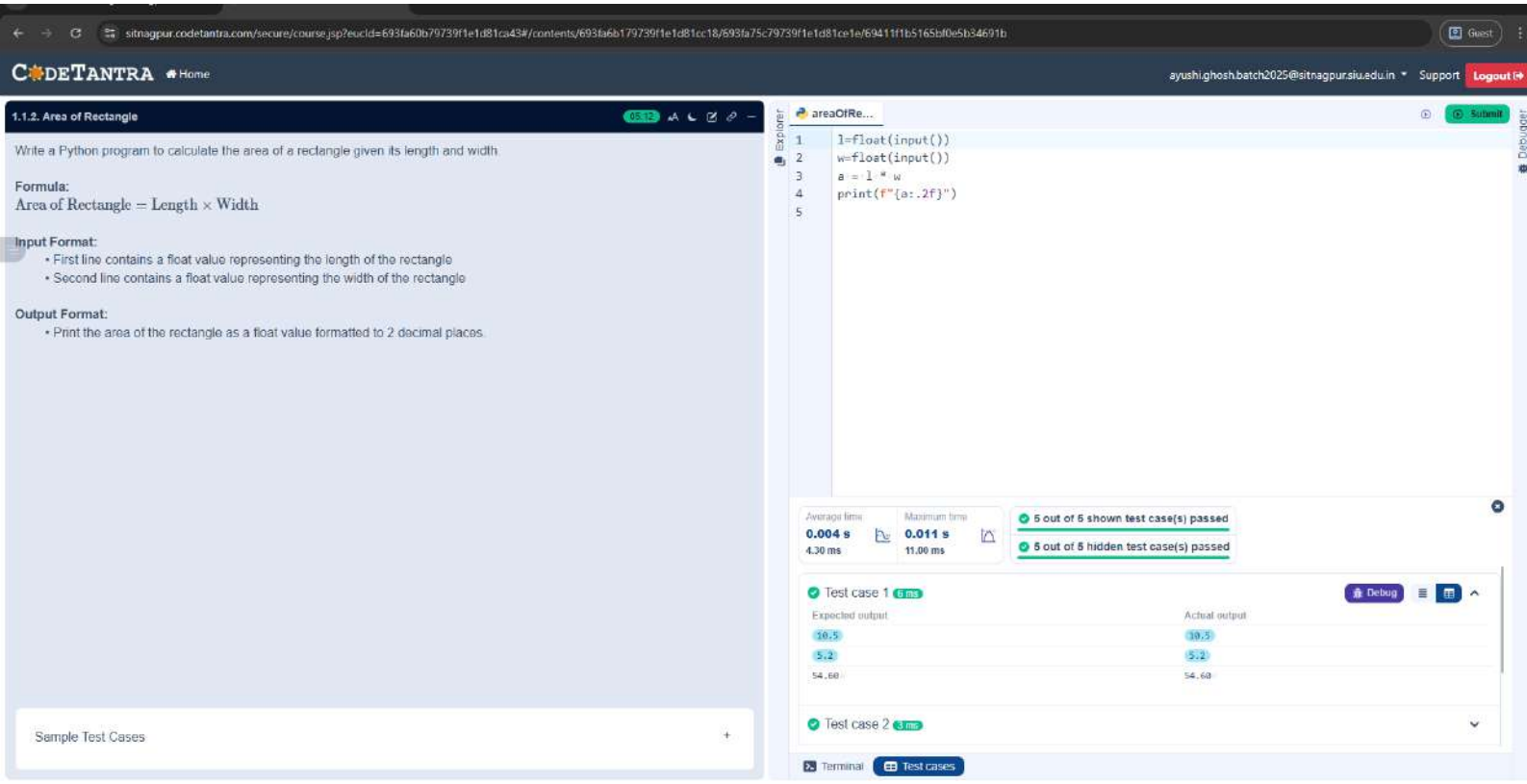
1.1.1. Area of Circle
14:02
Write a Python program that calculates the area of a circle when the radius is provided by the user. Use π = 3.14 and display the area.
Input Format:
• A single line containing a floating-point number representing the radius.
Output Format:
• Print the computed area of the circle formatted to 4 decimal places.
Sample Test Cases
circlearea...
Submit
Explorer
Debugger
1
2 r=float(input())
3 a = 3.14 * r * r
4 print(f"{a:.4f}")
Average time
0.003 s
3.00 ms
Maximum time
0.004 s
4.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1
4 ms
Debug
Expected output
3.36
35.4493
Actual output
3.36
35.4493
Test case 2
3 ms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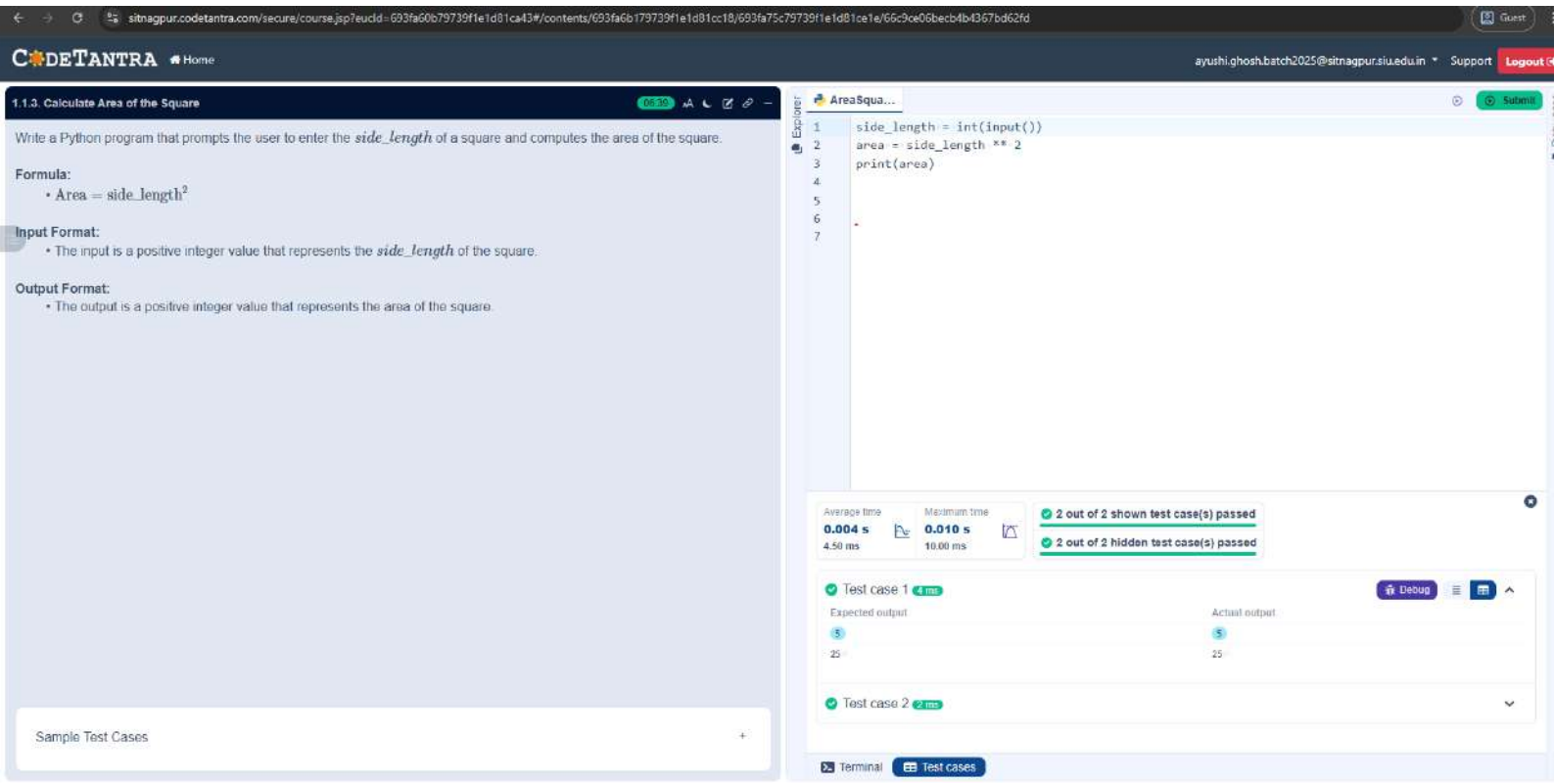
1.1.2. Area of Rectangle
05:12
Write a Python program to calculate the area of a rectangle given its length and width.
Formula:
Area of Rectangle = Length × Width
Input Format:
• First line contains a float value representing the length of the rectangle
• Second line contains a float value representing the width of the rectangle
Output Format:
• Print the area of the rectangle as a float value formatted to 2 decimal places.
Sample Test Cases
areaOfRe...
Submit
Explorer
Debugger
1 l=float(input())
2 w=float(input())
3 a = l * w
4 print(f"{a:.2f}")
5
Average time
0.004 s
4.30 ms
Maximum time
0.011 s
11.00 ms
5 out of 5 shown test case(s) passed
5 out of 5 hidden test case(s) passed
Test case 1 6 ms
Debug
Expected output
Actual output
10.5
5.2
54.60
10.5
5.2
54.60
Test case 2 3 ms
Terminal
Test cases


sitnagpur.codetantra.com/secure/course.jsp?eucId=693fa60b79739f1e1d81ca43#/contents/693fa6b179739f1e1d81cc18/693fa75c79739f1e1d81ce1e/66c9ce06becb4b4367bd62fd
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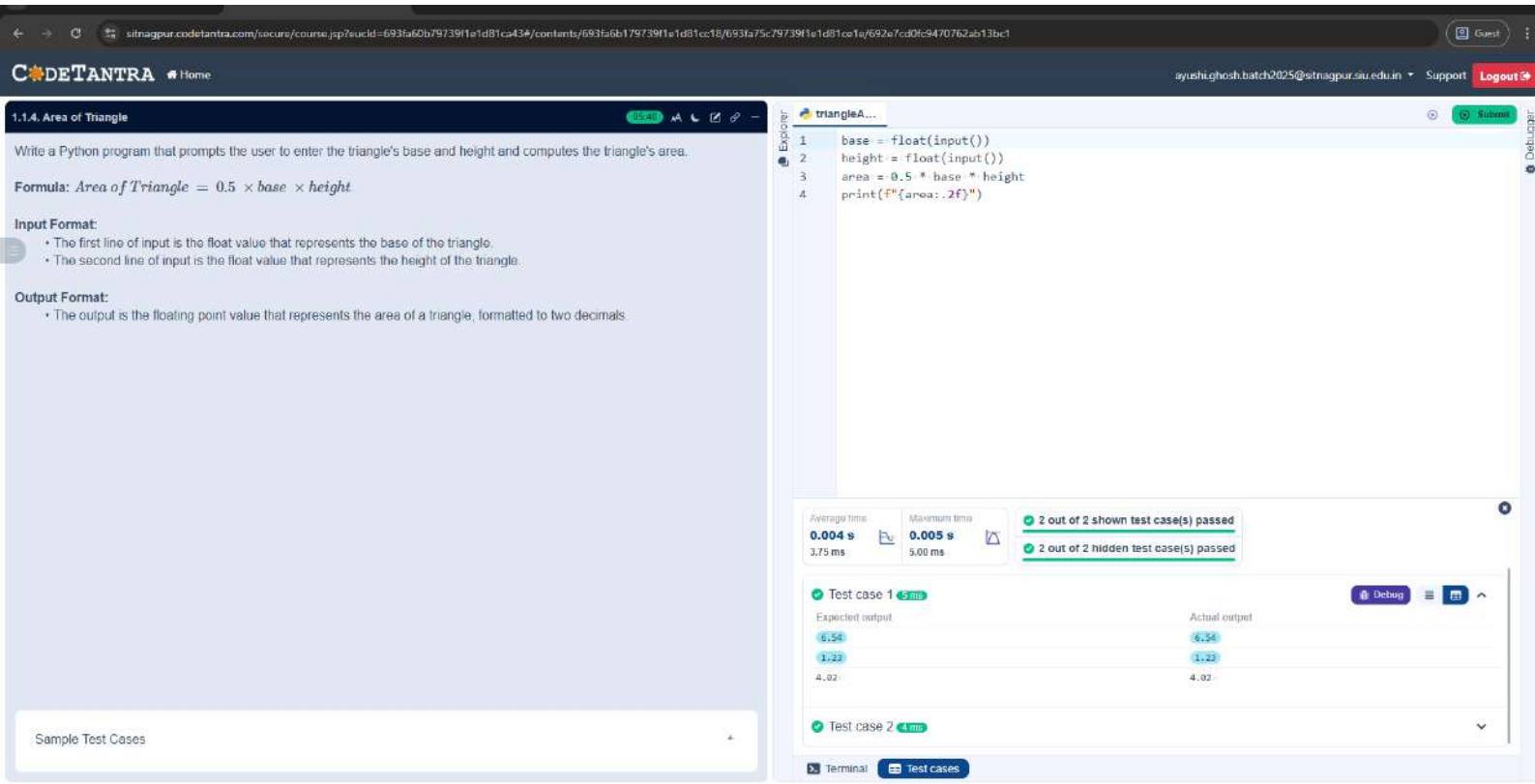
1.1.3. Calculate Area of the Square
06:30
Write a Python program that prompts the user to enter the side_length of a square and computes the area of the square.
Formula:
• Area = side_length²
Input Format:
• The input is a positive integer value that represents the side_length of the square.
Output Format:
• The output is a positive integer value that represents the area of the square.
Sample Test Cases
Explorer
AreaSqua...
Submit
1 side_length = int(input())
2 area = side_length ** 2
3 print(area)
4
5
6
7
Average time
0.004 s
4.50 ms
Maximum time
0.010 s
10.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1
4 ms
Debug
Expected output
5
25
Actual output
5
25
Test case 2
2 ms
Terminal
Test cases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1.1.4. Area of Triangle
05:48
Write a Python program that prompts the user to enter the triangle's base and height and computes the triangle's area.
Formula: $Area\ of\ Triangle = 0.5 \times base \times height$
Input Format:
• The first line of input is the float value that represents the base of the triangle.
• The second line of input is the float value that represents the height of the triangle.
Output Format:
• The output is the floating point value that represents the area of a triangle, formatted to two decimals.
Sample Test Cases
Explorer
triangleA...
Submit
1 base = float(input())
2 height = float(input())
3 area = 0.5 * base * height
4 print(f"{area:.2f}")
Average time
0.004 s
3.75 ms
Maximum time
0.005 s
5.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1 5 ms
Debug
Expected output
Actual output
6.54
1.23
4.02
Test case 2 4 ms
Terminal
Test cases
Debugger