

## #1 Using the Print Method

The screenshot shows the uCertify Python editor interface. The code in the editor is:

```
1 number1=int(input())
2 number2=int(input())
3 average = (number1 + number2)/2
4 print(average)
```

The input field contains the number 2, and the output field displays 2.0. The right sidebar shows the activity "Using the print Method" with instructions to complete the Python code to take two integers as user input and print their average. The formula for the average is given as  $\text{Average} = (a + b) / 2$ . Sample input shows two 2s, and sample output shows 2.0. Instructions include writing the code in the editable section and clicking the Run Code button to execute the code.

## #2. Displaying a Statement Multiple times.

The screenshot shows the uCertify Python editor interface. The code in the editor is:

```
1 print("Hello Everyone" *5)
```

The input field contains the text "Separate input using the 'Enter' key". The output field displays "Hello EveryoneHello EveryoneHello Everyone". The right sidebar shows the activity "Displaying a Statement Multiple Times" with instructions to write the Python code that displays "Hello Everyone" five times in a single row. The output shows "Hello Everyone Hello Everyone Hello Everyone". Instructions include writing the code in the editable section and clicking the Run Code button to execute the code. A note states: "Please do not navigate without pressing the Run Code button. If anything goes wrong, click the Reset button and run your code again."

### #3.Using Variable

uCertify JT290.ITP.150.A21.SP26.7W1  
COURSE - Python Fundamentals

MY LIBRARY DW ?

Editor PYTHON Run Code

```
1 side = int(input())
2 area = side * side
3 print(area)
```

Input  
7

Output  
49

Activity Explanation

Complete the Python code that will calculate the area of a square, which takes the side as the user input.  
**The formula to get the area of a square:**  
Area of a square = Side × Side  
**Sample Input:**  
7  
**Sample Output:**  
The area of a square = 49  
**Instructions:**  
Write the code in the editable section.  
Click the **Run Code** button to execute the code.

Python AI TUTOR RESET RETRY CLOSE

50°F Mostly clear 10:11 PM 1/14/2026

### 4. Using variables and assigning statements 1.4.2

uCertify JT290.ITP.150.A21.SP26.7W1  
COURSE - Python Fundamentals

MY LIBRARY DW ?

Editor PYTHON Run Code

```
1 distance_in_km = int(input())
2 time_in_hours = int(input())
3 speed_kmph = distance_in_km / time_in_hours
4 speed_mph = speed_kmph * 0.625
5 print(speed_kmph)
6 print(speed_mph)
```

Input  
150  
2

Output  
75.0  
46.875

Activity Explanation

**Using Variables and Assigning Statements**  
Complete the Python code to take the user input as distance in kilometers and time in hours and convert it into speed in kilometers per hour and miles per hour, respectively.  
**Sample Input:**  
150  
2  
**Sample Output:**  
hour: 75.0 and miles per hour: 46.875  
**Instructions:**  
Use the following formulas in this lab:  
Miles = Kilometer / 1.6

AI TUTOR RESET RETRY CLOSE

## 5. Displaying the multiplication table 1.5.1

uCertify JT290.ITP.150.A21.SP26.7W1  
COURSE - Python Fundamentals

MY LIBRARY DW ?

Editor PYTHON Run Code

```
1 number = int(input())
2 for i in range(1,11):
3     print(number, "x", i, "=", number * i)
```

Input

10

Output

10 x 1 = 10  
10 x 2 = 20  
10 x 3 = 30  
10 x 4 = 40  
10 x 5 = 50  
10 x 6 = 60  
10 x 7 = 70  
10 x 8 = 80  
10 x 9 = 90  
10 x 10 = 100

Activity Explanation

Displaying the Multiplication Table

Complete the Python code that takes a number as the user input and prints its multiples from 1 to 10.

Sample Input:

10

Sample Output:

10 x 1 = 10  
10 x 2 = 20  
10 x 3 = 30  
10 x 4 = 40  
10 x 5 = 50  
10 x 6 = 60  
10 x 7 = 70  
10 x 8 = 80  
10 x 9 = 90  
10 x 10 = 100

Python

AL TUTOR RESET RETRY CLOSE