**Data Types and Operators – Activities**

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| Practice activity icon | Practice activities |

**Resources:**

[**https://www.w3schools.com/Python/python\_datatypes.asp**](https://www.w3schools.com/Python/python_datatypes.asp)

[**https://www.w3schools.com/Python/python\_operators.asp**](https://www.w3schools.com/Python/python_operators.asp)

[**https://www.linkedin.com/learning/python-essential-training-2/overview?u=57684225**](https://www.linkedin.com/learning/python-essential-training-2/overview?u=57684225)

**Exercise 1:**

Write a program to calculate net salary for employee. Take input for the employee name, number of hours and their hourly rate.

**Exercise 2:**

Write a program to calculate the area of a rectangle. Take inputs for the appropriate variables.

**Exercise 3:**

Write a program to calculate the area of a circle. Take inputs for the appropriate variables.

**Exercise 4:**

Write a program to calculate the area and volume of a cylinder. Take inputs for the appropriate variables.

**Exercise 5:**

Write code that takes inputs for a variable named minutes, which holds minutes worked on a job, and assign a value. Output the value in hours and minutes; for example:

**197 minutes becomes 3 hours and 17 minutes.**

**Exercise 6:**

Write code that takes input and declares a variable to represent temperature in Fahrenheit (F). Calculate and display the equivalent temperature in Celsius (C) by applying the following formula: C = (F - 32) \* 5 / 9

Display both values. For example:

**Fahrenheit: 89.6**

**Celsius: 32**

Note: (Use the internet to compare your application result to see if the calculation is correct.)