

Exercise: Lecture – 4

Solve the following problem and bring in the next class.

41. Write a Python program that takes two numbers as input from the user and prints their sum.

42. Write a program that takes input from user as their name, age, and favorite color, then print this information in a formatted sentence using **str.format()** or an **f-string**.

4.3 Write a program that asks the user to input the radius of a circle, then calculates and prints the area of the circle. Format the output to show only two decimal places.

[**Hints:** area of a circle $c=3.14*r*r$, here r is the radius]

4.4 Write a Python program that takes a temperature in Celsius as input from the user and converts it to Fahrenheit. Display the result using an f-string.

Formula: $\text{Fahrenheit} = (\text{Celsius} * 9/5) + 32$

4.5 Write a program that takes two numbers and perform the following arithmetic operations (+, -, *, /, %, **) and prints the result.

You can try the following problems (Need to know if-else):

Write a program that checks if a person is eligible to vote. The eligibility criteria are:

- The person must be at least 18 years old.
- The person must be a citizen of the country.

Hints: take two variables age with any age and citizenship with value yes or no.