Exercises to do

There will be a final exercise tomorrow that’s part of your grade which you need to turn in.

Exercise 1 - Speed Converter

Implement a program that takes an input of km/h and converts it into mp/h and then outputs the converted value to the user.

- Input: 72
- Output: 20

Exercise 2 - Minutes to seconds

Implement a program that takes an integer input of minutes and displays the result in seconds to the user

- Input: 3
- Output: 180

Exercise 3 - Division

Implement a program that takes two integers as input and performs a division on the two and outputs the result as a float

- Input: 11, 4
- Output: 2.75

Exercise 4 - Remainder

Write a program that calculates the remainder of dividing two integers and displays the result

- Input: 11, 4
- Output: 3

Exercise 5 -Circle Area

Develop a program that calculates the area of a circle using a float input for the radius and then displays the result (tip, use google for math help)

- Input: 2
- Output: 12.56....

Exercise 6 - Negation

Write a program that takes an integer input and displays its negation using the unary minus operator. (requires googling what the ternary minus operator is)

- Input: 11
- Output: -11

Exercise 7 - Product

Develop a program that takes two integers as input and calculates their product using the multiplication operator.

- Input: 11, 4
- Output: 44

Exercise 8 - BMI

Develop a program which calculates the BMI of a person using their weight in kilograms and height in meters.
Display the BMI to the user.
(Might need google for the correct maths)

- Input: 70, 1,82
- Ouput: 21.13...

Exercise 9 - Hypotenuse

Develop a program that calculates the length of the hypotenuse of a right triangle using the length of the other two as inputs. Display the result.
(google square root maths)

- Input: 3, 4
- Output: 5

Exercise 10 - Seconds to minutes

Write a program that takes an integer input as seconds and convert it to minutes and remaining seconds, then display the result.

- Input: 111
- Output: 1 minute(s) and 59 second(s)