Name: Reziyemu Sulaiman

Student Number: 106-153-208

Email: [rsulaiman2@myseneca.ca](mailto:rsulaiman2@myseneca.ca)

Section: NBB

Workshop: 2 (at-home) Reflection

In this workshop, I learned how to declare different types of variables, how to transform from integer numbers to float or double, and how to use casting, mixed types of expressions within these variables. In addition to that, I learned how to use printf function to prompt user input value or display output. I learned how to use scanf function to accept user input and store it in a computer memory address. I also learned how to use logical operators and relational expressions throughout this workshop.

I found out there are many concepts has covered in this workshop, and some of the concepts are the shorter form than we used to in math class in high school. For example, in computer language the sign of the modulus operator we used in this workshop is %. It is interesting to know that just use a single % sign we can get the result of the remaining value which makes our math calculations a lot easier. Also, when using the modulus operator, I have to keep in mind that I can use the modulus operator only with integer data types. It does not work for any other data type.

One of the concepts I found the most difficult is about casting. At first, I am confused about using casing to transform between different types of variables. After I tried casting in the workshop addition to the course notes, I learned how it works. Now, I am confident to use it in the upcoming assignments.

I believe this workshop is the best practice to convert floating-point values to integers because the computer can not store floating-point values accurately. So, to prevent further errors, it is better to convert floating-point values to integers before performing arithmetic operations to get more accurate results.