

## Python Exercises

### If Else Bool:

1.

- a. Go back to “ex3\_numb\_input.docx” exercise 2 a and b, and combine all the programs into a single calculator program.

the code should take in 3 inputs. first\_number, an operator and second\_number, and then print the result value.

The operator can be any of the symbols (+, -, \*, /).

- b. Add logic such that you print a message if any of the inputs are invalid, first\_number and second\_number should be numeric while operator should be one of the symbols.
- c. Add logic and print a message if anyone tries to divide by zero (as it is undefined)

2. Make a variable named month\_short which takes a 3 character short string of month.

Then write the if/elif/else, such that the program print “January” for month\_short = “Jan”, ..., “December” for month\_short = “Dec” and “Unknow” if month\_short is anything we don’t have anticipated.

3. Make 5 variables, where each is a generated random integer between 1 and 6 (like dice).

and print if the code generated a Yahtzee (check if all 5 variables holds the same value)

4. Go back to “ex3\_numb\_input.docx” question 3.  
and add logic, such that the code does not set empty  
“end” if the bar is full.