

## day103 Review #4

Due Tuesday 5/23/23

Your final exam will be on Python. Today we're going to review using a try/except structure, printing numbers in columns, and printing pretty pictures using numbers in a list.

Today's task:

- Create a new program called Review 4 in repl.
- Use a try/except structure to ask the user for a number greater than 20. Give one error message if the user does not enter a number and a different error message if their number is 20 or less. Test your program. Does it work if you enter nothing? Does it work if you enter the number 5? Do you get a different error message for those two situations? You should.
- Print the numbers from 1 to the number the user entered in 5 columns with a tab between each number. See sample output below.
- Use the following list of numbers to print three different cool pictures (all different from the one you did last class):

```
nums = [2, 4, 6, 7, 7, 8, 8, 8, 8, 9, 10, 10, 7, 8, 7, 6, 4, 3, 3, 3, 2, 2]
```

To print numbers in columns you use the following print call:

```
print(x,end="\t")
```

This prints a number then a tab instead of a new line. Then every once in a while (use the % operator to see when your number is divisible by 5 to be specific) you use a regular print line:

```
print()
```

to go to a new line.

Look back at Review #3 for how to use a list of number to print something interesting. You need to do three different things. My output on the next page shows 4 just to give you more cool ideas.

Sample output on next page.

