

# Programming Basics

## While Loops

# Vocabulary

**Loop** - a repeated set of instructions in a program

- There are a few different loops, the first of which we'll see being the "while loop," which repeats the instructions inside its block *while* the condition is true.

# DISCUSSION

What will this program print?

```
print("Begin program")
test = input("Would you like to talk to me?")
while test == "yes":
    print("I want to continue talking to you as well!")
    test = input("Would you still like to talk to me?")
print("End program")
```

# DISCUSSION

Why is `test = input("Would you like to talk to me?")` inside the loop?

- What happens when you run without that line?
- Why?

# DISCUSSION

When will this program stop (and how is this different from before)?

```
print("Begin program")
test = input("Would you like to talk to me?")
while test != "no":
    print("I want to continue talking to you as well!")
    test = input("Would you still like to talk to me?")
print("End program")
```