# Lesson 5 - More fun with Python!

In our first program, we learned how to use:

- Print Statements
- If/Else Statements

Today, we're going to add one more tool to our coding toolbox:

- The Variable

Variables are used in coding and in math. A variable is a name we can give to a number or a piece of information that we want to be able to store and/or change.

In our first program today, we're going to use the variable answer. In the second program, we'll add the variable times.

Don't forget! When we use if/else statements, we have to make sure that we tab over the lines that follow (also called indenting, or blocking), then stop using the tab when you are ready to go on to the next thing. For example:

```
if age < 4:

        print("Wow! How are you so good at typing already?")

else:

        print("Hello!")
```

## Activity 1: Make a Quiz

Today, we're going to create our very own quiz game. It's up to you to write your own questions and answers. Can you write the trickiest questions and stump your friends?

```
# my quiz program

print ("_____?")

answer = input()

if (answer == "_____"):

        print ("You are correct!")

else:

        print ("Wrong!")
```

Followup:

- Was it easy or hard to guess the right answer?

- What could you do if you wanted to have more than one right answer?

- What's the deal with sometimes using = and sometimes == ?

## Activity 2: Keeping Score

Now let's add a scoreboard to our quiz game!

```
#my score keeping quiz program

times = 0

print ("_____?")

answer = input()

if (answer == "_____"):

        print ("You are correct!")

        times = times + 1

else:

        print ("Wrong!")

        times = times - 1

print ("Your score is", times )
```

Challenge:

Make a multi-question quiz and test your friends!

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