LESSON A-15

In this activity you will write a program that will ask the user for their current age, add five years, and print a message letting them know what their age will be in five years.

Step #1

Ask the user how old they are and store it in a variable called **age**:

```
age = input('How old are you: ')
```

Step #2

The users age is now stored as a string in a variable called age, however Python can't add five to a string. The string value must be converted to an integer, so Python can add to the value. Store that new integer value as a variable called **age_int**:

```
age_int = int(age)
```

Step #3

Now Python can add five years to the current value of **age_int**:

```
age_int = age_int + 5
```

This will take the current value of **age_int**, add 5 to it, and save it as the updated value of **age_int**.

Step #4

You want to have a nice message that combines the string **Your age in five years will be** and the **age_int** value. Since the **age_int** value is currently an integer it cannot be combined with the other string. You must convert the **age_int** value from an integer back to a string. Save this new string as **age_str**:

```
age_str = str(age_int)
```

Step #5

You now have two strings that can be combined into a single **print** command. Combine the string **Your age in five years will be** and the **age_str** value into a **print** command:

```
print('Your age in five years will be ' + age_str)
```

Step #6

Verify the fully assembled program is free of errors:

```
age = input('How old are you: ')

age_int = int(age)



age_int = age_int + 5



age_str = str(age_int)

print('Your age in five years will be ' + age_str)
```

Step #7

Run the program a few times using different age values and make sure that you get the expected output each time. Save the program if desired (optional).