

USER INPUT

PYTHON

"Into the garbage chute flyboy" -Leia Organa

GETTING USER INPUT

Having a program just print out pre-determined strings (Hello World program) is all good, but being able to do something with a users input is even better!

```
input_string = '''
    Greetings:
    Please enter Galactic ID Username
'''

star_wars_name = input(input_string)
print("Welcome", star_wars_name)
```

You can separate sections of the print output by putting a comma (,) in-between the string.

```
first_line = "Greetings:"  
second_line = "Please enter Galactic ID Username"  
  
input_string = '\n'+first_line + '\n' + second_line+'\n'  
  
star_wars_name = input(input_string)  
print("Welcome"+" "+star_wars_name)
```

You can also combine the string by using the "+" symbol. This is called concatenation.

Strings or variables whose value is a string can be concatenated.

There are special characters (escaped characters) that are created using the backslash (\) and then specific characters.

They remain part of the string but python "decodes" these and prints the decoded output to screen.

In this case we are using (\n) which means "new line".

```
first_line = "Greetings:"  
second_line = "Please enter Galactic ID Username"  
  
input_string = '\n'+first_line + '\n' + second_line+'\n'  
  
star_wars_name = input(input_string)  
  
print("Welcome %s your ID has been accepted." % star_wars_name)
```

You can include values inside of a string using interpolation.

To interpolate you use the percent (%) symbol inside the string and then the special letter for the interpolation. Then you add a percent symbol after the string, then add the value you want to put into the string.

In this case we are using 's' which means string. Using this automatically converts other types to a string.

```
first_line = "Greetings:"  
second_line = "Please enter Galactic ID Username"  
  
star_wars_name = input("\n %s \n %s \n" % (first_line, second_line))  
  
print("Welcome %s your ID has been accepted." % star_wars_name)
```

Multiple values can be interpolated by using putting the values coma separated in between parentheses ().