

Adventure Project

Adventure Project is a Python programming introduction course with the outcome being the start of a Python programming introduction is IDE (Integrated Development Environment) independent. All of the lessons

maintaining focus on completing the framework for an Adventure Game.

Each Lab is estimated to take between 20 to 30 minutes to complete, with a total time of 3 hours to complete all nine labs. Once familiar with the programming concepts the time is easily cut in half to recreate. If this is your first time programming, it is highly recommended to use the `AdventureGame` project as a guide to help you understand the concepts and to ensure you are following the correct path. The `AdventureGame` project is a simple game framework that you can use to create your own game. It is designed to be easy to use and quick to complete. The `AdventureGame` project is a simple game framework that you can use to create your own game. It is designed to be easy to use and quick to complete.

hours is really quick :)

Each Lab includes a 'before you start' section. This section lists the items you need in order to successfully complete the lab. This includes links to resources, lab names, and general information about the lab. Next is the Read Me file. If you have access to the Adventure Project [Read Me](#), the Read Me file for each lab is where all of the good stuff is located! This includes the step-by-step instructions, specific Python code covered, lab assignment point values, and a rubric to guide you to successful completion. All of this information is located here as well.

Lastly, each Adventure Lab includes discussions on specific Python content and programming objectives. These are code explanations and examples to help understand the what and how. At the end of most Labs the entire code solution is given. Use the solution code more as a guide to what the lab is trying to accomplish and less of here is the answer and you are done! Your solution 'should' be similar but does not have to be exactly like mine. :)

Adventure Labs

- Adventure 1-1 - [Comments, print\(\), Variables, Casting](#)
- Adventure 1-2 - [User Input\(\)](#)
- Adventure 1-3 - [functions_1](#)
- Adventure 1-4 - [functions_2](#)
- Adventure 1-5 - [functions_3](#)

- Adventure 1-7 -
- Adventure 1-8 -

- Adventure 1-9 - [11 & 12 Statements](#)

Extras

- Adventure [Points](#) and [Rubrics](#) per Lab
- Resources

Adventure Project

1000

1. Comments
2. Splash Screen
3. Welcome Message
4. Creating Variable

- Solution
-
- ## Before you start:
- Basic python [rules](#) to keep in mind.
 - Know how to insert [comments](#) in python.
 - Understand the how to use the [print\(\)](#) function.
 - Knowledge of python [numbers](#) and [operators](#).
 - Create a new Repl

- Read the Read.Me file!

- Read.ME**

After y

- ```
#####
Advent
#####
#
Directions:
- Create a new repl.
```

```

Steps:
1.
```

```
b. Date
c. Description
2. Create a Splash Screen
3. Create a Welcome message
4. Create four (4) Variables
a. piName
b. piTitle
c. piLevel
d. piEdu
```

```
5. Assign data to four (4) variables
a. Name = "Dave"
```

```
c. Level = 7
d. Hit 123
e. Display variable data
a. Print two (2) result messages
b. Include 2 variables within each message
c. Cast int data type to str data type

Notes:
Read all Instructions!
Errors are expected. Start slow. Fix one
Error at a time.
ValueError are typically solved by casting

Python Content:
Comments (inline & multi-line)
print() function
String Variables
Integer Variables
New Line Escape Character '\n'
Create string variable
Create integer variable
Cast variables: print("today is" + int(day))

```

### 1-1.1. Comments

**Comments:** Starting at line 1. Add comments to give basic information about your code.

- Name
- Date
- Description

```
In []: #####
#
1a. Name comment
1b. Date comment
1c. Description comment
#
#####
Ernie Drum, 9/1/2020
Description: Adventure 1-1
Comments
Variables
String data type
Numeric data type
Casting data types?
New Line escape character \n
```

### 1-1.2. Splash Screen

**Create a Splash screen to let the user know the name of our app. This is the new-line escape character "\n" to print several blank lines.**

```
In []: #####
#
2. Create a Splash Screen
#
#####
print(">>>>> Awesome Adventure! <<<<<<")
print("\n" * 5)
```

### 1-1.3. Welcome Message

**Next, is the welcome message. This message is giving the user a welcome. Why are we doing this? It may not make sense yet, but we are building it simple message.**

```
In []: #####
#
3. Create a Welcome Screen
#
#####
print("Welcome to the Awesome Adventure!\n")
print("\n" * 3)
```

### 1-1.4. & 5. Variables and Data

**Create four variables and assign data.**

- Player Name with the value of 'Dave'
- Player Title with the value of 'Warrior'
- Player Level with the value of 7
- Player Hit Points with the value of 123

```
In []: #####
#
4. Create Player variables
5. Assign data to Player variables
#
#####
playerName = "Dave"
playerTitle = "Warrior"
playerLevel = 7
playerHP = 123
```

### 1-1.6. Display User Information

- Display all the player data.
- Friendly formatted!
- Include:
  - Player Name
  - Player title
  - Player Level
  - Player Hit Points

```
In []: #####
6a. Print result messages
6b. Include 2 variables within a message
6c. Cast int data type to str data type
print("Welcome", playerName, playerLevel)
print("You are level " + str(playerLevel) + " with " + str(playerHP))
print("Looking forward to our adventure together", playerName)
```

**Caution:** In general, TypeErrors happen when using the '+' concatenator on a string or float data type. This is easy to solve by casting the data type to a string or an integer data type myInteger = 10'. The first print() statement is successful. The second print() statement causes a TypeError because a print() function can't concatenate an integer data type.

```
In []: myInteger = 10

print("Successfully casting an integer to string = " + str(myInteger))
print("Unsuccessful" + myInteger)
```

## Solution to Adventure Lab 1-1

```
In []: #####
#
1a. Name comment
1b. Date comment
1c. Description comment
#
#####
Ernie Drum, 9/1/2020
Description: Adventure 1-1
Comments
Variables
String data type
Numeric data type
Casting data types?
New Line escape character \n

#####
#
2. Create a Splash Screen
#
#####
print(">>>>> Awesome Adventure! <<<<<<")
print("\n" * 4)

#####
#
3. Create a Welcome Screen
#
#####
print("Welcome to the Awesome Adventure!\n")
print("\n" * 2)

#####
#
4a. Create Player Name variable
5a. Assign "Dave" to Player Name
#
#####
playerName = "Dave"

#####
#
4b. Create Player Title variable
5b. Assign "Warrior" to Player Title
#
#####
playerTitle = "Warrior"

#####
#
4c. Create Player Level variable
5a. Assign 7 to Player Level
#
#####
playerLevel = 7

#####
#
4d. Create Player HP variable
5a. Assign 123 to Player HP
#
#####
playerHP = 123

#####
#
6a. Result messages
6b. Included variables within message
print("Welcome", playerName, playerLevel)
print()
#
6c. Cast int data type to str data type
print("You are level " + str(playerLevel) + " with " + str(playerHP))
print()
print("Looking forward to our adventure together", playerName)
```

[Top](#)

## A

## Adventure Lab 12

- ## Adventure 1-2 User Input
- Before you start
  - Read.Me file
- ### Steps
1. Update Comments
  2. Update Splash Screen

- Solution

- Fork your Repl you want to use
- Rename new Repl to your name

- ```

# Complete all steps.

Read.Me file

#####
#                               Adventure 1-2                               #
#                               User Input                                #
#####
#
# Directions:
# - Fork yourLastNameAdv1-I
# - Save repl as: yourLastNameAdv1-2
#

```

```
# -----
# Steps:
#     1. Update Comm
#     2. Update Splat
#     3. Add 10
```

- ```
#
3. Update Welcome message
a. print message letting user know we are going to ask for more info
b. Ask for first name, last name, age, and email address
4. Use input() statements to gather information from user
a. Create four variables for user's information: firstName, lastName,
piName, piTitle, piLevel, piEmail
b. Use input() statements to get information from user.
#
5. Display User Information
a. Print two (2) result messages
b. Include 2 variables within each message
c. Cast int data type to str data type
#
#-----
New Python Content:
Casting within print() functions
```

## 1-2.1. Update Comments

Every time you fork or make a copy of your *Adventure* project you need to update comments and version number. This will help you keep

## 1-2.2 Update Splash Screen

This update should include the Adventure version number. Continue to add friendly formatting like the new line escape characters in the console display.

```
In []: #####
2. Update Splash Screen
2a. Add 'Adventure' version number
#
print("=====> Awesome Adventure! <=====")
print("\n" + 2)
print("--> Adventure v1-2")
print("\n" + 3)
```

## 1-2.3 Update Welcome Message

Add another print statement to let the user know we need them to answer several questions. Continue to add line escape characters '\n' to force new lines in the console display.

```
In []: #####
3a. Update Welcome message
#
print("Welcome to the Awesome Adventure!")
print("\n" + 2)
print("Before we start we need to ask you several questions.")
print("\n" + 2)
```

## 1-2.4. Use input() statements to gather user data

Python uses the input() function to get input from the console window. For each of the player variables we created, piLevel, and piHP we will use the input() statement to ask the user to enter their own data.

Each input() function needs to include a question. This is the prompt for the user to see and answer.

```
In []: #####
4a. Create four variables for user input
piName, piTitle, piLevel, and piHP
4b. Use input() statements to gather input
#
piName = input("What is your first name? ")
piTitle = input("What is your title: ")
piLevel = input("What is your level? ")
piHP = input("What is your HP? ")
```

## 1-2.5 Display user information

Lastly, display the information the user entered.

```
In []: #####
5. Display User Information
#
5a. Print two (2) result messages
5b. Include 2 variables within each message
print("Welcome,", piTitle, piName)
print()

5c. Cast int data type to str data type
print("You are level " + str(piLevel) + " With " + str(piHP) + " hit points.")
print()

print("Looking forward to our adventure together" , piName + "!\n")
```

## Solution to Adventure 1-2

```
In []: #####
1. Update comments:
Name, Date, and
Description
#
#####
Ernie Drumm, 9/2/2020
Description: Adventure 1-2
print() function
Variables
String data type
Numeric data type

#####
2. Update Splash Screen
2a. Add 'Adventure' version number
#
print("=====> Awesome Adventure! <=====")
print("\n" + 2)
print("--> Adventure v1-2")
print("\n" + 3)

#####
3a. Update Welcome message
#
print("Welcome to the Awesome Adventure!")
print("\n" + 2)
print("Before we start we need to ask you several questions!")
print("\n" + 2)

#####
4a. Create four variables for user input
piName, piTitle, piLevel, and piHP
4b. Use input() statements to gather input
#
piName = input("What is your first name? ")
piTitle = input("What is your title: ")
piLevel = input("What is your level? ")
piHP = input("What is your HP? ")

#####
5. Display User Information
#
5a. Print two (2) result messages
5b. Include 2 variables within each message
print("Welcome,", piTitle, piName)
print()

5c. Cast int data type to str data type
print("You are level " + str(piLevel) + " With " + str(piHP) + " hit points.")
print()

print("Looking forward to our adventure together" , piName + "!\n")
```

[Too](#)

# Adventure Lab 1-

### Adventure 1.2 (Functions)

### Adventure 1.3 (functions 1

- Before you start
  - Read.Me
- ## Steps

- ```

1. Call pWelcome function
    a. Create pWelcome function
    b. Call pWelcome function
2. Use input() function to gather user information
3. Display user information
- Solution

```

- Read the document

- Complete all steps.
-
- Read.Me file**


```
In [ ]: ##### Adventure 1-3 #####
##### Functions 1 #####
#
# Directions:
#   - Fork yourLastNameAdv1-2
#   - Save repl as: yourLastNameAdv1-3
#   - SHARE your repl is shared with instructor!
#   - Read the Read.Me file!
#   - Complete all steps.
#
# -----
# Steps:
# 1. Update Comments
# 2. Update Splash Screen
#   a. Update version number
# 3. Create function for Splash Screen
#   a. Create pSplash function
#   b. Call pSplash function
# 4. Create function for Welcome Message
#   a. Create pWelcome function
#   b. Call pWelcome function
# 5. Use input() statements to gather user data
# 6. Display User Information
#
# -----
# New Python Content:
#   Functions
#
# -----
```

1-3.2a Create pSplash function:

We are creating a function for the Splash Screen for several reasons. Mainly, so we can reuse the code whenever we want and also to move the code out of the main.py file (eventually :).

```
In [ ]: #####
# 3a. Splash Function #
#####
def pSplash():
    print(">>>>>>>>> Awesome Adventure! <<<<<<<<<<<<")
    print("\n" * 2)
    print("-->>> Adventure v1-3") #2a. Update Adventure version
    print("\n" * 3)
```

Caution: Be aware of Indentation Errors. If the print() statements below the 'def pSplash()' statement is not indented correctly python will throw an IndentationError. See the myExample() function below where I did not indent correctly.

```
In [ ]: def myExample():
    print("Some cool text here")
    print("\n" * 2)
    print("more text")
```

1-3.4 Create pWelcome function:

This is the same process as above. Notice I have included additional print statements. I wanted to notify the user of the information they need to provide and a funny reason for why it is needed.

```
In [ ]: #####
# 4a. Create pWelcome function #
#####
def pWelcome():
    print("Welcome to the Awesome Adventure!")
    print("\n" * 2)
    print("Before we start we need to ask you several questions!")
    print("\n" * 2)
    print("We need your name, title, level, and hit points!")
    print()
    print("This is REQUIRED to verify if you are skilled for this adventure!\n")
```

1-3.3b. Call pSplash function:

Calling functions is simple. All that is needed is the name of the function followed by empty parentheses. These functions have no arguments, so there is nothing to include in the parentheses.

```
In [ ]: #####
# 3b. Call pSplash function #
#####
pSplash()
```

1-3.4b. Call pWelcome function:

```
In [ ]: #####
# 4b. Call pWelcome function #
#####
pWelcome()
```

Solution to Adventure 1-3

```
In [ ]: # 1. Update Comments
# Ernie Drums, 9/3/2020
# Description:
#   -Adventure 1-3
#   -Create functions
#   -Call functions
#
#####
# 3a. Splash Function #
#####
def pSplash():
    print(">>>>>>>>> Awesome Adventure! <<<<<<<<<<<<")
    print("\n" * 2)
    print("-->>> Adventure v1-3") #2a. Update Adventure version
    print("\n" * 3)

#####
# 4a. Create pWelcome function #
#####
def pWelcome():
    print("Welcome to the Awesome Adventure!")
    print("\n" * 2)
    print("Before we start we need to ask you several questions!")
    print("\n" * 2)
    print("We need your name, title, level, and hit points!")
    print()
    print("This is REQUIRED to VERIFY you are skilled for this adventure!\n")

#####
# 3b. Call pSplash function #
#####
pSplash()

#####
# 4b. Call pWelcome function #
#####
pWelcome()

#####
# 5. Use input() to gather user data #
#####
plrName = input("What is your first name? ")
plrTitle = input("What is your title? ")
plrLevel = input("What is your level? ")
plrHP = input("What is your HP? ")

#####
# 6. Display User Information #
#####
print("Welcome", plrTitle, plrName)
print()
print("Your are level", plrLevel, "with", plrHP, "hit points.")
print()
print("Looking forward to our adventure together", plrName + "! \n")
```

Adventure Lab 1-4

Adventure 1-4 (functions 2)

- Before you start
 - Read.Me
- Steps**
1. Update Comments
 2. Update Version Number
 3. Create functions printing results
 - a. Create pResults function
 - b. Pass arguments into pResults function
 - c. Use arguments in pResults function
 - d. Call pResults function with four arguments
 4. Use input() function to gather user information
 5. Display user information
- Solution

Before you start

- Fork repl and save as 'Adventure1-4'
- Share your repl
- Read the document on [functions](#).
- Read the Read.Me file
- Complete all steps

Read.Me file

```
In [ ]: ##### Adventure 1-4 #####
##### Functions 2 #####
#
# Directions:
#   - Fork yourLastNameAdv1-3
#   - Save repl as: yourLastNameAdv1-4
#   - SHARE your repl is shared with instructor!
#   - Read the Read.Me file!
#   - Complete all steps.
#
# -----
# Steps:
# 1. Update Comments
# 2. Update Version Number
# 3. Create function for printing results
#   a. Create pResults function
#   b. Pass arguments into pResults function
#   c. Use arguments in pResults function
#   d. Call pResults function with four arguments
#
# -----
# New Python Content:
#   Passing Arguments into functions
#   Using Argument data within functions
#
# -----
```

1-4.3a-c. Create pResults function for printing results.

```
In [ ]: #####
# 3a. Create pResults function #
# 3b. Pass arguments into pResults function #
#   plrName, plrTitle, plrLevel, plrHP #
#####
def pResults(plrName, plrTitle, plrLevel, plrHP):
    print("Welcome", plrTitle, plrName) #3c. Use arguments
    print()
    print("Your are level", plrLevel, "with", plrHP, "hit points.") #3c.
    print()
    print("Looking forward to our adventure together", plrName + "! \n") #3c.
```

1-4.3d. Call pResults function with four arguments

```
In [ ]: #####
# 3d. Call the pResults function with four arguments #
#   arguments #
#   - Pass in four pieces of information we received from user input as arguments. #
#   plrName, plrTitle, plrLevel, plrHP #
#####
pResults(plrName, plrTitle, plrLevel, plrHP)
```

Solution to Adventure 1-4

```
In [ ]: # 1. Update Comments
# Ernie Drums, 9/4/2020
# Description:
#   -Adventure 1-4
#   -Create functions
#   -Add arguments to functions
#   -return results from functions
#
pSplash function
def pSplash():
    print(">>>>>>>>> Awesome Adventure! <<<<<<<<<<<<")
    print("\n" * 2)
    print("-->>> Adventure v1-3") #2. Update Adventure version
    print("\n" * 3)

# pWelcome function
def pWelcome():
    print("Welcome to the Awesome Adventure!")
    print("\n" * 2)
    print("Before we start we need to ask you several questions!")
    print("\n" * 2)
    print("We need your name, title, level, and hit points!")
    print()
    print("This is REQUIRED to VERIFY you are skilled for this adventure!\n")

pSplash() # Call pSplash Function
pWelcome() # Call pWelcome Function

# Use input() to gather user data
plrName = input("What is your first name? ")
plrTitle = input("What is your title? ")
plrLevel = input("What is your level? ")
plrHP = input("What is your HP? ")

#####
# 3a. Create pResults function #
# 3b. Pass arguments into pResults function #
#   plrName, plrTitle, plrLevel, plrHP #
#####
def pResults(plrName, plrTitle, plrLevel, plrHP):
    print("Welcome", plrTitle, plrName) #3c. Use arguments
    print()
    print("Your are level", plrLevel, "with", plrHP, "hit points.") #3c.
    print()
    print("Looking forward to our adventure together", plrName + "! \n") #3c.

#####
# 3d. Call the pResults function with four arguments #
#   arguments #
#   - Pass in four pieces of information we received from user input as arguments. #
#   plrName, plrTitle, plrLevel, plrHP #
#####
pResults(plrName, plrTitle, plrLevel, plrHP)
```

Adventure Lab 1-4

Adventure 1-5 (functions 3)

- Before you start
 - Read.Me
- Steps**
1. Update Comments
 2. Update Version Number
 3. messages.py file
 - a. create messages.py file
 - b. add import statement for pSplash() function in main.py file
 - c. Call pSplash() function from main.py
 3. Move pWelcome() function
 - a. Cut and paste pWelcome() function into messages.py file
 - b. add import statement for pWelcome() function in main.py file
 - c. Call pWelcome() function from main.py
 3. Move pResults() function
 - a. Cut and paste pResults() function into messages.py file
 - b. add import statement for pResults() function in main.py file
 - c. Call pResults() function from main.py

- Solution files**
- main.py file
 - messages.py file

Before you start

- Fork repl and save as 'Adventure1-5'
- Share your repl with instructor
- Read the document on [functions](#).
- Read the Read.Me file
- Complete all steps

Read.Me file

```
In [ ]: ##### Adventure 1-5 #####
##### Functions 3 #####
#
# Directions:
#   - Fork yourLastNameAdv1-4
#   - Save repl as: yourLastNameAdv1-5
#   - SHARE your repl with instructor!
#   - Read the Read.Me file!
#   - Complete all steps.
#
# -----
# Steps:
# 1. Update Comments
# 2. Update Version Number
# 3. messages.py file
#   a. create messages.py file
#   b. add import statement for pSplash() function into messages.py file
#   c. Call pSplash() function from main.py
# 4. Move pWelcome() function
#   a. Cut and paste pWelcome() function into messages.py file
#   b. add import statement for pWelcome() function in main.py file
# 5. Move pResults() function
#   a. Cut and paste pResults() function into messages.py file
#   b. add import statement for pResults() function in main.py file
#   c. Call pResults() function from main.py include four arguments.
#
# -----
# New Python Content:
#   Passing Arguments into functions
#   Using Argument data within functions
#
# -----
```

main.py file

```
In [ ]: # 1. Update Comments
# Ernie Drums, 9/5/2020
# Description:
#   -Adventure 1-5
#   -Using external files for functions
#
#####
# 4b. add import statement for pSplash() #
# 5b. add import statement for pWelcome() #
# 6b. add import statement for pResults() #
#####
from messages import pSplash, pWelcome, pResults
pSplash() # 4c. Call pSplash function
pWelcome() # 5c. Call Welcome Function

# Use input() to gather user data
plrName = input("What is your first name? ")
plrTitle = input("What is your title? ")
plrLevel = input("What is your level? ")
plrHP = input("What is your HP? ")

#####
# 5c. Call the pResults function #
#   with four arguments #
#####
pResults(plrName, plrTitle, plrLevel, plrHP)
```

messages.py file

```
In [ ]: #####
# 3a. Create file called Messages.py #
# This is the file #
#####
# 4a. Splash Function
def pSplash():
    print(">>>>>>>>> Awesome Adventure! <<<<<<<<<<<<")
    print("\n" * 2)
    print("-->>> Adventure v1-5") #2. Update Adventure version
    print("\n" * 3)

# 5a. Welcome Function
def pWelcome():
    print("Welcome to the Awesome Adventure!")
    print("\n" * 2)
    print("Before we start we need to ask you several questions!")
    print("\n" * 2)
    print("We need your name, title, level, and hit points!")
    print()
    print("This is REQUIRED to VERIFY you are skilled for this adventure!\n")

#####
# 5a. Welcome function that accepts four arguments. #
#####
def pResults(plrName, plrTitle, plrLevel, plrHP):
    print("Welcome", plrTitle, plrName)
    print()
    print("Your are level", plrLevel, "with", plrHP, "hit points.")
    print()
    print("Looking forward to our adventure together", plrName + "! \n")
```

Adventure Lab 1-4

Adventure 1-6 (Colors)

- Before you start
 - Read.Me
- Steps:**
- = 1. Update comments
 - = 2. Update Adventure Version # with a variable.
 - a. Create variable 'AdventureVersion' and assign value (i.e.,v1-6)
 - b. Pass variable to pWelcome() function
 - = 3. Use escape characters to change text color
 - a. in messages.py create functions to change color of a string message.
 - b. Import color functions in main.py
 - c. Change colors in pSplash function
 - d. Change colors in pWelcome function
 - e. Change colors in pResults function

- Solution files**
- main.py file
 - messages.py file

Before you start

- Fork repl and save as 'Adventure1-6'
- Share repl with instructor
- Read the document on [Colors](#).
- Read the Read.Me file
- Complete all steps

Read.Me

```
In [ ]: ##### Adventure 1-6 #####
##### Colors #####
#
# Directions:
#   - Fork yourLastNameAdv1-5
#   - Save repl as: yourLastNameAdv1-6
#   - SHARE your repl with instructor!
#   - Read the Read.Me file!
#   - Complete all steps.
#
# -----
# Steps:
# 1. Update Comments
# 2. Update Adventure Version # with a variable.
#   a. Create variable 'AdventureVersion' and assign a value (i.e.,v1-6)
# 3. Use escape characters to change text color
#   a. in messages.py create functions to change color of a string message.
#   b. Import color functions in main.py
#   c. Change colors in pSplash function
#   d. Change colors in pWelcome function
#   e. Change colors in pResults function
#
# -----
# New Python Content:
#   Variable for version control
#   Color escape codes to change text colors
#
# -----
# GREEN
def txtGreen(message):
    print("\033[0;32;48m", message, "\u001b[0m", end= "")

# Bright Blue
def txtBrightBlue(message):
    print("\033[1;34;48m", message, "\u001b[0m", end= "")

# CYAN
def txtCyan(message):
    print("\033[1;34;48m", message, "\u001b[0m", end= "")

# RED
def txtBrightRed(message):
    print("\033[1;31;48m", message, "\u001b[0m", end= "")

# Purple
def txtPurple(message):
    print("\033[1;35;48m", message, "\u001b[0m", end= "")

# Example of how to call each function and pass in an argument 'message' to change the color of the test.

# Test message
message = "The quick brown fox jumped"
myTxt1 = "over"
myTxt2 = "the"
myTxt3 = "lazy"
myTxt4 = "dog"

txtGreen(message)
txtBrightBlue(myTxt1)
txtCyan(myTxt2)
txtBrightRed(myTxt3)
txtPurple(myTxt4)

print("\n\n\033[1;35;48mAspire\u001b[0m to \033[1;35;48minspire\u001b[0m before we \033[1;35;48mexpire\u001b[0m.")

The quick brown fox jumped over the lazy dog

Aspire to inspire before we expire.
```

main.py file

```
In [ ]: #####
# Ernie Drums, 9/7/2020
# Description:
#   - Adventure 1-6 (Update Variable! :)
#   - Read the Read.Me file!
#
#####
# 2b. Import color functions in main.py
from Messages import pSplash, pWelcome, pResults, txtGreen, txtBrightBlue, txtCyan, txtRed

AdventureVersion = "v1.6" # 2a. Create variable to Update Version.

# Call Splash screen function
pSplash(AdventureVersion)

# Call Welcome message function
pWelcome(AdventureVersion) # 2b. pass version variable into function

# Get User Input
plrName = input("What is your first name? ")
plrTitle = input("What is your title? ")
plrLevel = input("What is your level? ")
plrHP = input("What is your HP? ")

# Call pResults() function
pResults(plrName, plrTitle, plrLevel, plrHP, AdventureVersion)
```

messages.py


```

print("\n-----")
print("What do you do? ...")
print("\n")
print("1. Try the door\n")
print("2. Read the hand written note\n")
print("3. Sit on the floor")
print()
print("Enter 'quit' to end the game or 'help' for help")
cmdlist=["1","2","3"]
cmd = getCMD(cmdlist)

if cmd == "1":
    pDoor01()
elif cmd == "2":
    pNote_Cake()
elif cmd == "3":
    pSit()
#
def pDoor01():
    print("\n" + 60)
    print("==")
    You walk up to the ...
    and 'I'll tell you of Great Treasure..."
    """)
#
def pNote_Cake():
    print("\n" + 60)
    print("==")
    You start reading the note and it
    says... """)
#
def pSit():
    print("\n" + 60)
    print("==")
    You decide to sit on the ground
    and then ... """)
#
def getCMD(cmdlist):
    cmd = input(pirName + " -> ")
    if cmd in cmdlist:
        return cmd
    elif cmd == "help":
        print("\nAnner your choices as detailed in the game.")
        print("or enter 'quit' to leave the game.")
        return getCMD(cmdlist)
    elif cmd == "quit":
        print("\n-----")
        print("Sadly you return to your homeland without fame
        exit()

print("==")
You find yourself at a small room with a door in front of you
There's a hand written note in your hand.
Otherwise, the room is empty!
""")
#
start()

play()

```

Adventure L

Adventure Lab 1-1

```
In | :
# -----
# Point Values:
# Comments:
#       Name                    5
#       Date                    2
#       Description              3
#
# Splash Screens: (Minimum Requirements)
#       2 print() functions    2
#       1 splash message       3
#
# Welcome Message: (Minimum Requirements)
#       2 print() function     2
#       1 welcome message      3
#
# Variables: (Minimum Requirements)
#       1 str variable for Name 5
#       1 str variable for Title 5
#       1 int variable for Level 5
#       1 int variable for HP    5
#
# Display Data: (Minimum Requirements)
#       Casting a variable      5
#       Display Name variable   5
#       Display Title variable  5
#       Display Level variable  5
#       Display HP variable     5
#
#                                     65 Total
# -----
# Rubric:
#
# Comments
#
#       0                      1-5                      6-10
# -----
#       Some                  Lots of
#       Comments              comments
#       Little                lots of
#       Detail                details
#
# Splash Screen
#       0-1                      2-4                      5
# -----
#       No print()            Only one          2 or more
#       Functions              print()
#       and/or                 function
#       No message             AND/OR
#                               Very short          formatted
#                               message              messages
#
# Welcome Message:
#       0-1                      2-4                      5
# -----
```

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