



Hello, World!

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EMT1111: Logic and Problem Solving | Spring 2016 | Dr. Mendoza

LESSON 12: Python Problem Solving

SIMPLE PYTHON PROGRAMS IV



Lab Assignment 1 (today.py)

Write a Python program to ask the user for the day of the week. Then, depending on the day entered by the user, the program should display one of the following messages:

- *“You have your EMT1111 class today. That means lots of Python programming!”*, if the day is Friday
- *“No Python programming today. Of course you can always practice at home.”*, otherwise

Lab Assignment 2 (price.py)

Write a Python program to ask the user for the price of an item. Then, depending on the price entered by the user, the program should display one of the following messages:

- “*Must buy!*”, if the price is less than 50
- “*On sale. Good price*”, if the price is between 50 and 59
- “*Regular price.*”, if the price is between 60 and 75
- “*Expensive!*”, if the price is greater than 75

Lab Assignment 3 (joke.py)

```
print("Knock! Knock!")  
input()  
print("Ho-ho.")  
input()  
print("You know, your Santa impression could use a  
little work.")
```

Copy and run the above program.

Then modify it so that it will ask the user if he/she wants to hear the joke again. The program should keep on going as long as the user keeps answering yes and it should stop once the user answers no.

Homework Assignment: *Sign In*

Write a Python program to emulate the signing in functionality.

- Create a variable to store a password (any password of your choice).
 - The password should be a string value (text)
- The program should ask the user to enter the password
- If the user enters the correct password, the program will display the message *"Access Granted"*
- If the user does not enter the correct password, the program will display the message *"Access Denied. Try Again"*
 - The program should keep asking the user to enter the password as long as the user keeps giving an incorrect password