<https://github.com/MaryCouhault/CP1404_Practicals>

Code:

**Broken Score.py**

*"""  
CP1404/CP5632 - Practical  
Broken program to determine score status  
"""*import random  
  
  
def main():  
 score = float(input("Enter score: "))  
 get\_score\_response(score)  
 print(get\_score\_response(score))  
 random\_score = random.randint(0, 100)  
 print("Your random score is: {:.2f}".format(random\_score))  
 print(get\_score\_response(random\_score))  
  
  
def get\_score\_response(score):  
 if score < 0 or score > 100:  
 return "Enter a valid score!"  
 elif score >= 90:  
 return 'Excellent'  
 elif score >= 50:  
 return "You passed the class!"  
 else:  
 return "Please try better next time!"  
  
  
main()

**Password\_check.py**

*"""  
CP1404  
Name: Mary Couhault  
Date: July 30th 2021  
Description: Asks user for a password and prints the equivalent length of \*  
"""*def main():  
 get\_name()  
  
  
def get\_name():  
 password = input("What is your password?")  
 pass\_length = len(password) # takes the password and gets its length  
 print\_asterisks(pass\_length)  
  
  
def print\_asterisks(pass\_length):  
 for i in range(1, pass\_length):  
 print("\*", end="")  
  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 main()

**Temperatures.py**

*"""  
CP1404/CP5632 - Practical  
Name: Mary Couhault  
Date: July 30th 2021  
Pseudocode for temperature conversion  
"""*MENU = """  
C - Convert Celsius to Fahrenheit  
F - Convert Fahrenheit to Celsius  
Q - Quit  
"""  
  
  
def main():  
 print(MENU)  
 choice = input(">>> ").upper()  
 while choice != "Q":  
 if choice == "C":  
 celsius = float(input("Celsius: "))  
 fahrenheit = convert\_c\_to\_f(celsius)  
 print("Result: {:.2f} F".format(fahrenheit))  
 elif choice == "F":  
 fahrenheit = float(input("Fahrenheit: "))  
 celsius = convert\_f\_to\_c(fahrenheit)  
 print("Result: {:.2f} C".format(celsius))  
  
 else:  
 print("Invalid option")  
 print(MENU)  
 choice = input(">>> ").upper()  
  
  
def convert\_f\_to\_c(fahrenheit):  
 celsius = 5 / 9 \* (fahrenheit - 32)  
 return celsius  
  
  
def convert\_c\_to\_f(celsius):  
 fahrenheit = celsius \* 9.0 / 5 + 32  
 return fahrenheit  
  
  
main()  
  
''''''