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1. broken\_score.py:

*"""  
CP1404/CP5632 - Practical  
Broken program to determine score status  
"""  
  
  
# TODO: Fix this!*def main():  
 score = float(input(**"Enter score: "**))  
 if score < 0 or score > 100:  
 print(**"Invalid score"**)  
 elif score >= 90:  
 print(**"Excellent"**)  
 elif score >= 50:  
 print(**"Passable"**)  
 else:  
 print(**"Bad"**)  
  
  
if \_\_name\_\_ == **'\_\_main\_\_'**:  
 main()

1. sales\_bonus.py:

*"""  
Program to calculate and display a user's bonus based on sales.  
If sales are under $1,000, the user gets a 10% bonus.  
If sales are $1,000 or over, the bonus is 15%.  
"""*def main():  
 sales = float(input(**"Enter sales: $"**))  
 while sales >= 0:  
 if sales < 1000:  
 user\_bonus = sales \* 0.1  
 print(**"Your bonus is:"**, user\_bonus)  
 else:  
 user\_bonus = sales \* 0.15  
 print(**"Your bonus is:"**, user\_bonus)  
  
  
if \_\_name\_\_ == **'\_\_main\_\_'**:  
 main()

1. loops.py:

*# loop for printing all odd numbers between 1 and 20*for i in range(1, 21, 2):  
 print(i, end=**' '**)  
print()  
  
*# loop for printing 10s from 0 to 100*for j in range(0, 110, 10):  
 print(j, end=**' '**)  
print()  
  
*# loop for printing out the count down from 20 to 1*for k in range(20, 0, -1): *# step is -1 means countdown* print(k, end=**' '**)  
print()  
  
*# loop for printing out the amount of stars based on user's input*num\_stars = int(input(**"Enter the amount of stars: "**))  
print(**"Number of stars:"**, num\_stars)  
for star in range(0, num\_stars):  
 print(**"\*"**, end=**''**)  
print()  
  
*# print lines of increasing stars. The number of lines is the user's input*num\_lines = int(input(**"Enter the number of lines: "**))  
for line in range(1, num\_lines + 1):  
 print(**"\*"** \* line)  
print()

1. shop\_calculator.py:

def main():  
 num\_items = int(input(**"Number of items: "**))  
 *# number of items validation* while num\_items < 0:  
 print(**"Invalid number of items!"**)  
 num\_items = int(input(**"Number of items: "**))  
 *# get item prices and calculate the total price* total\_price = 0  
 for i in range(0, num\_items):  
 item\_price = float(input(**"Price of item: "**))  
 total\_price = total\_price + item\_price  
 *# applying 10% discount if total price is over $100* if total\_price > 100:  
 total\_price = total\_price - total\_price \* 0.1  
 *# display final total price* print(**"Total price of"**, num\_items, **"items is ${:.2f}"**.format(total\_price))  
  
  
if \_\_name\_\_ == **'\_\_main\_\_'**:  
 main()