2017 - 1732

""" first i take two numbers and take diiference of both """

284/7

""" i take two numbers and then take division of both """

0.65\*200

"""exchange rate for 1$ = 0.65 pounds and we are given 200$ and we have to change 200$ into pounds so we take product of two numbers in order to find exchange rate """

(200-2)\*0.65

""" in order to change 200$ into pounds first i gave comission by taking difference of 2 from total given dollars and then multiply remaining dollars with exchange rate to change into pounds"""

(200-2)\*0.65-100

""" in order to change 200$ into pounds first i gave comission by taking difference of 2 from total given dollars and then multiply remaining dollars with exchange rate to change into pounds and then subtract 100 pounds from answer in order to find the remaining pounds """

--------------------------------------------------------------------------------------------

Naming variables

""" while naming a variable name should be revelent to the variable """

dog\_age = 10

dog\_multiplier = 7

human\_age = dog\_age \* dog\_multiplier

""" in order to enhance our understanding we have stored our value into some variable and took product of variable"""

--------------------------------------------------------------------------------------------

x\_rate = 0.65

""" we stored a value 0.65 into a variable named x\_rate"""

total\_dollars = 200

"""we stored another value 200 into a variable named total\_dollars"""

fee = 2

""" we stored another value 2 into a variable named fee"""

total\_pounds = ((total dollars - feee )\* x\_rate)

""" in valid syntax error """

total\_pounds = ((total\_dollars - feee )\* x\_rate)

""" we have formed an equation with all the previous assigned variables and assigned it to new variables"""

--------------------------------------------------------------------------------------------

total\_dollars = (total\_pounds/x\_rate)-fee

""" we have formed an equation with all the previous assigned variables and assigned its value to old variables"""

import math

math.floor(total\_dollars)

""" import math from library and then use the floor function from it in order to round off result"""

------------------------------------------------------------------------------------------

greeting = "G'day"

print(greeting)

""" we have assigned a string value to variable and on print command, we will get string value """

greeting = "G'day" + "mate"

print (greeting)

"""we have assigned a additional string value to variable and on print command, we will get new string value """

name = 1

desription = 2

year = 3

"""we have stored string values in three variables """

sentence = name + description + year

""" we have assigned all previous variables into single variable and we have given print command and the output shown will be the string values in those variables """

movie1 = [104, 101, 108, 108, 111]

movie2 = [103, 102, 105, 104, 112]

movie1 = ''.join(chr(i) for i in movie1)

movie2 = ''.join(chr(i) for i in movie2)

print("My Favorite Movies:\n\t",movie1,"\n\t",movie2)

"""first i make a list of ascii codes and stored them in variable then i convert ascii codes into characters by using loop and separate them by using \n and \t"""

word = first[0]

""" we have stored first alphabat of the letter stored in word in first variable"""

rest = word[1:]

esult = rest + "-" + first + "y"

print (result)

""" we have stored other alphabats of the letter stored in word rest variable and all those variable in result variable given it the print command """

-------------------------------------------------------------------------------------------------------------------------------------------------------------------

level 3

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result = 5<= 10

print (result)

""" we have stored a condition in result variable if that condition is true print value of that variable """

rain\_speed = 2

if rain\_speed < 5:

print ("Just a Scotch mist")

else:

print ("It's a real Cow-quaker out there")

"""" we have assigned a number to a variable and we have set a condition if that number is < 5 it will print command else one other command """

-----------------------------------------------------------------------------------------------------------------------------------------------------

computer\_choice = 'rock'

user\_choice = input("Enter rock, paper, or python: \n")

if computer\_choice == user\_choice:

print('TIE')

elif user\_choice == 'rock' and computer\_choice == 'python':

print ('WIN')

elif user\_choice == 'paper' and computer\_choice == 'rock':

print ('WIN')

elif user\_choice == 'python' and computer\_choice == 'paper':

print ('WIN')

else:

print('You lose :( Computer wins :D')

""" we have made rock paper scissor game in which users plays against the computer """

Code school link

https://www.codeschool.com/courses/try-python