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# #

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284/7

40.57142857142857

###Take 2 numbers and divide the first number with the second number.

200 \* 0.65

130.0

###The exchange rate was $1 = £0.65 in order to find how much pounds we will get if we have $200. The product we will get by multiplying 200 with 0.65 will be the amount we get in pound in exchange for

$200.

(200 - 2) \* 0.65

###The exchange rate was $1 = £0.65 in order to find how much pounds we will get if we have $200. But the teller has $2 fee for this exchange so first of all subtract 2 from 200 and take the remaining answer and multiply it with 0.65 to find the the exchange rate of remaining $.

((200 - 2) \* 0.65) \* 100

###The exchange rate was $1 = £0.65 in order to find how much pounds we will get if we have $200. But the teller has $2 fee for this exchange so first of all subtract 2 from 200 and take the remaining answer and multiply it with 0.65 to find the the exchange rate of remaining $.Subtract 100 from the answer in order to find remaining pounds left.

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Naming variables

###While naming a variable make sure name should be relevent to the varialble.

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 variables and took product of the variables.

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x\_rate = 0.65

###We have stored value 0.65 to a variable named 'x\_rate'

total\_dollars = 200

###We have stored value 200 to another variable named 'total\_dollars'

fee = 2

###We have stored value 2 to another variable named 'fee'###

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

###We have formed an equation with all the previous assigned variables and assigned it to new variable.###

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

###We have formed another equation with all the previous assigned variables and assigned its value to an old variable.###

import math

math.floor(total\_dollars)

###import math from library and then use the floor function from it in order to round our result.###

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greeting = "G'day"

print(greeting)

###We have assigned a string value to a variable and on print command, we will get string value.###

greeting = "G'day" + " mate"

print(greeting)

###We have assigned additional string value to a variable. And on print command we will get new string value.###

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name = 'Umer'

description = 'tall'

year = '1997'

###We have stored string values in three variables.###

sentence = name + description + year

print (sentence)

###We have assigned all previous variables into a single variable and we have given print command and the output shown will be the string values, stored in those variables.###

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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 make a list of ascii codes and stored them in a variable then convert ascii codes into characters by using loop and seperate them by using \n and \t###

first = word[0]

###We have stored first alphabet of the letter stored in word in first variable.###

rest = word[1:]

result = rest + '-' + first + 'y'

print(result)

###We have stored other alphabet of the letter stored in word rest variable and all those variable in result variable given it the print command.###

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result = 8 <= 10

print(result)

###We have stored a condition in result variable if that condition is True print value of that variable.###

rain\_speed = 4

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 one command else one other command.###

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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 created a game against computer.###

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