

# Exercises

Albert Zaqaryan Lesson 7

# 1. PHONE

Write a python program which have two input color phone and model phone. You want to buy phone and you want gold iphone 12. You should check if everything is right you will buy.

## 2. Question

Write a python program which have 5 input (questions) .

You should check if the answers is right  
print True otherwise False

# 3. Work

Write a python program which have a lot of input (employee data for example min\_year = 17, max\_year = 25) .

And if he meets your requirements, he will be hired.

## 4. DReAm CAR

Write a python program which have a string of cars and you have a string of date.

You have data of car and you want to buy car if the data have your dream car you can buy it.

# 5. MATH

Write a python program which consider  $(a+b)^3$

$$(5 + 6)^3 = ?$$

Don't use google.

## 6. Find number

Write a python program which have a string of number (5 number 1-10).Your comp will try to find one of them. Use random module if find True otherwise False.

# 7. FACTORIAL

Write a python program which have one number.  
calculate the factorial of this number.  
for example  $2! = 1 * 2$



## 8. Sigaret

Write a python program where you have one input the the grams of tobacco and you know that 20 grams tobacco is one cigarettes .

for example

sample input: 327 grams

output: 16 cigarettes

# 9.New Exercises

You should create two good new exercises using your ideas.