



Exercises



1. New List

Create new list which have 6 different data types.

For example: str,int



2. Mac

Create new list which have data notebooks and you want check if the data have Mac?

For example: `my_list = ["Hp", "Asus", "Dell", "Mac", "Lenovo"]`

output: True



3. Password

Create python program which will check if your password is strong or no. if Len your password is great than 8 and if your password have 2 numbers and 2 of the following special characters ('!', '@', '#', '\$', '%', '&', '*')

Sample Input: Python@\$World11

Sample Output: Strong



4. Link Finder

Create python program where you want to find id in link if link have id print id.

Sample Input: <https://www.youtube.com/watch?v=RRW2aUSw5vU>

Sample Output: RWW2aUSwvU



5. Sign in

Create python program where you want to check if input word is palindrome or no .if yes print Open otherwise Trash

Sample Input: RACECAR

Sample Output: Open



6. String-to-List

Create python program to convert string to a list.



7. Even Numbers

Create python program which will show all even numbers in your string. Note: you have input where have 5 numbers:

Sample Input: 12 21 15 19 8

Sample Output: 12 8



8. Odd

Write a Python program to select the odd items of a list. And delete even items.



9. Secret Santa

Your group have 5 people and each of them can take one name and when take this name is delete from this list. And he can not take his name:



10. Duplicate

Create a python program which delete all duplicate items in list.