*dictionary_test - Notepad

File Edit Format View Help

```
                # dictionary_test #
                -------------------
# # empty dict
# var = {}
# var2 =  dict()

# dict with some values
var = {"username" : "Ankit", "password" : "Ankit123", "age": 20, "username": "ankush"}

# access dictionary
# print(type(var))
# print(var['age'])
# print(var.get('password'))
# temp = var.get('password', 'Not Available')
# print(temp)



# to remove key -value
# print(var.pop('age'))

# to remove all data
# var.clear()
# print(var)
```

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ENG 08:17 08-09-2021

*dictionary_test - Notepad

File Edit Format View Help

```
#  to get all keys
# print(var.keys())


# #  to get all values
# print(var.values())


# to get both keys and values
# print(var.items())

#  loop in dictionary

# for key, values in var.items():
#     print(key, values, sep=" - ")


# adding/updating data in dict
var = {"username" : "Ankit", "password" : "Ankit123"}

var['age'] = 20

var['password'] = "12345"

print(var)
```

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for_loop - Notepad

File Edit Format View Help

```
                # for_loop
                ----------
user_input = int(input("enter a number : "))

for number in range(1,11):
    print(user_input * number)
```

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functions - Notepad

File Edit Format View Help

```
                # functions #
                -------------
# #  here print and len is in-built function
# print("this is a print function ")

# print(len("something"))


# a,b --> add, mul, div, sub


# # syntax to define function
# def function_name(parmeter1, parametern):
#     "body"
#     "body"
#     "body"
#     return value




# a = 8
# b = 4

def calulator(a,b):
```

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functions - Notepad

File Edit Format View Help

```
def calulator(a,b):
    print("addition : ",a+b)
    print("substraction : ", a-b)
    print("multiplication", a*b)
    print("div : ",a/b)



# calulator(8,4)

# calulator(10,20)

# calulator(30,40)

# calulator(2,8)









# positional argument
# def greet(firstname, lastname):
#     print("good evening", firstname, lastname)
```

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functions - Notepad

File Edit Format View Help

```
# greet( "kumar", "Ankit")



# # keyword arguments
# def greet(firstname, lastname):
#     print("good evening", firstname, lastname)


# greet(lastname="Ankit", "kumar")



# # default arguments
def greet(firstname="guest"):
    print("good evening", firstname)


# greet("Ankush")


# variable length  arguments
# def test(*args):
```

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ENG 08:20 08-09-2021

functions - Notepad

File Edit Format View Help

```
# variable length  arguments
# def test(*args):
#     print(args)
#     print(len(args))
#     print(type(args))


# test("India", "Sri Lanka", "America")

# def test(**kwargs):
#     print(kwargs)
#     print(len(kwargs))
#     print(type(kwargs))


# test(country="India", firstname='rohit')
```

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ENG 08:20 08-09-2021

identifiers - Notepad

File Edit Format View Help

```
                # identifiers #
                ---------------
#  creating identifiers in python

# integic data type

# var = 143
# print(type(var))

# decimal form
var = 123

# binary form
# bvar = 0B1111
# print(type(bvar))
# print(bvar)

# octal form
# ovar = 0o123
# print(type(ovar))
# print(ovar)

# hexademial form
# hvar = 0XFACE
# print(type(hvar))
```

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ENG 08:21 08-09-2021

identifiers - Notepad

File Edit Format View Help

```
# hexademial form
# hvar = 0XFACE
# print(type(hvar))
# print(hvar)

# print(oct(20))




# floating data type

# fvar = 3.14
# print(type(fvar))


# fvar=1.10e20
# print(type(fvar))
# print(fvar)



# cvar = 0b1111 + 32j
# print(cvar.imag)
```

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identifiers - Notepad

File Edit Format View Help

```
# boolean data types
# bvar = True
# print(type(bvar))

# String data types

# svar = 'he said, "i am doing great"'

# channel_name = "Learn Coding"

# message = f"Subscribe to our channel : {channel_name}"

# svar = "Learn Coding is our channel name, all subscriber are gems!!, i need your support, like the
video"
# list_of_string = svar.split(' ')
# print(type(list_of_string))


# data = ["hello world", "welcome to our channel", "please do subscribe"]

# print('-'.join(data))


# info = "a quick brown fox jumps over the lazy dog"
```

Ln 2, Col 18 | 100% | Windows (CRLF) | UTF-8

identifiers - Notepad

File Edit Format View Help

```
# data = ["hello world", "welcome to our channel", "please do subscribe"]

# print('-'.join(data))


# info = "a quick brown fox jumps over the lazy dog"

# print(info.find('O'))

# info = "   "

# print(info.isspace())


# rvar = range(10,20,3)
# print(type(rvar))

# for data in rvar:
#     print(data)
```

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*if_else - Notepad

File Edit Format View Help

```
        # if_else #
        -----------
age = int(input("enter your age : "))

if  age < 18:
    print('you are too young to marry')
elif age>60:
    print('you are too old for marry')
else:
    print("we will find a perfect match for you")
```

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input_output - Notepad

File Edit Format View Help

```
        # input_output #
        ----------------
# taking input from user


# eval - evaluate()
# print(eval("2+2/2"))


# user_input = eval(input("enter your name : "))
# print(type(user_input))
# print("Good Evening", user_input)




print("hello world", end="\n\n\n")
print("how are you")
```

Ln 2, Col 18 | 100% | Windows (CRLF) | UTF-8

list_test - Notepad

File Edit Format View Help

```
                # list_test #
                -------------
# creation of list

# empty list
empty_list = []


# with some values
# list2 = ["altaf", "kundan", 1234, True, 12.34, "kundan"]

# # with list()
# list3 = list()

# # print(type(empty_list))
# print(list2[1:4])


# methods of list
# list2 = [12, 1, 800, 45]

# list2.reverse()

# print(list2)
```

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ENG 08:23 08-09-2021

*list_test - Notepad

File Edit Format View Help

```
# list2.reverse()

# print(list2)

list3 = ["altaf", "aman"]

name1, name2 = list3

print(name1)
print(name2)

# list unpacking



# count()
# print(list2.count("dfjaksljfhjksa"))

# index()
# if True in list2:
#     print(list2.index(True))
# else:
#     print("not found")
```

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Modules - Notepad

File Edit Format View Help

```
        # modules #
        -----------
from functions import greet as greet_of_functions
from test import greet as greet_of_test

greet_of_test()
```

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ENG 08:24 08-09-2021

*operatos - Notepad

File Edit Format View Help

```
        # operators in python #
        ----------------------

a = 20
b = 10

# print("addition : ", a+b)
# print("substraction : ", a-b)
# print("multiplication : ", a*b)
# print("division : ", a/b)  # floating point
# print("floor division : ", a//b)  #integic value
# print("modulous division : ", a%b) # reminder
# print("power opertor : ", 5**3)

# comparison

# print(10 != 23)

# logical operatior

# and
# print(0 and 10)

# or
# print(True or False)
```

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ENG 08:25 08-09-2021

*operatos - Notepad

File Edit Format View Help

```
# print(0 and 10)

# or
# print(True or False)

# not
# print(not False)



# a=5

# b=6

# print("id of a : ", id(a))
# print("id of b : ", id(b))
# print(a is not b)



var = "India is great"

print("hello" not in var)
```

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reserved_keywords - Notepad

File Edit Format View Help

```
        # program to list all the keywords of python #
        ---------------------------------------------

import keyword
print(keyword.kwlist)
```

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ENG 08:26 08-09-2021

set_example - Notepad

File Edit Format View Help

```
        # set_example #
        ---------------
# empty set
# # svar = set()

# set with some data
svar = {"ankit", "python", 1234, True, "ankit"}

# to add a single data
# svar.add("Learn Coding")


# # to add multiple data
# svar.update("India")


# # to remove data
# print(svar.pop())
# print(svar.pop())

# svar.remove("ankit")

# svar.clear()

# print(svar)
```

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set_example - Notepad

File Edit Format View Help

```
# print(svar)



var1 = {"ankit", 'ankush', "India", 1234, True}

var2 = {"Rajsthan", "punjab", True, "ankit", 456}

# print(var1.union(var2))
# print(var1 | var2)

# print(var1.intersection(var2))
# print(var1 & var2)


# print(var1.difference(var2))
# print(var1 - var2)

print(var1.symmetric_difference(var2))
```

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ENG 08:26 08-09-2021

table - Notepad

File Edit Format View Help

```
        # table #
        ---------
from sys import argv

number  = int(argv[1])

for counter in range(1,11):
    print(number*counter)
```

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test - Notepad

File Edit Format View Help

```
        # test #
        --------


def greet():
    print("just another greet")
```

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ENG 08:28 08-09-2021

*trasfer - Notepad

File Edit Format View Help

```
        # transfer #
        ------------
# if "a" in "learn coding":
#     pass

# for num in range(1,11):
#     if num % 2 == 0:
#         break
#     else:
#         print(num)


# var = 10
# print(var)

# del(var)

# print(var)


# var = "India"
# print(len(var))
```

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*tuple_tests - Notepad

File Edit Format View Help

```
        # tuple:
        --------
var = (21,)



print(type(var))
```

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ENG 08:29 08-09-2021

*type_casting - Notepad

File Edit Format View Help

```
        #  type castingn in python #
        ---------------------------

var = "123"
ivar = float(var)

print(type(ivar))
```

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*while_loop - Notepad

File Edit Format View Help

```
        # while_loop #
        --------------

password = "learn coding"

input_password = input("enter password : ")

while password != input_password:
    input_password = input("enter password : ")
else:
    print("unlocked !!")
```

Ln 3, Col 1 | 100% | Windows (CRLF) | UTF-8

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