

Thursday, 18 August 2022

M	T	W	T	F	S	S
Page No.:						YOUVA
Date:						

Dictionary :-

A dictionary is a collection of data which is ordered, changeable and do not allow duplicates

The data values are stored in key:value pairs.

Creating a dictionary :-

```
dict1 = {  
    "Name" : "Wings of Fire",  
    "Writer/author" : "Arun Tiwari",  
    "Book type" : "Autobiography"  
}
```

update() :-

Inserts specified elements or items to the dictionary.

Specified object could be a dictionary, or an iterable object with key value pairs.

Syntax :

```
dictionary.update(iterable)
```

Nested dictionary :-

Example :

```
Books = {  
    "Book1": {  
        "Name": "1984",  
        "Author": "George Orwell"  
    },  
    "Book2": {  
        "Name": "Ignited Minds",  
        "Author": "APJ Abdul Kalam"  
    }  
}
```

1) `clear()` :- Removes all the elements from the dictionary.

Syntax :

```
dictionary.clear()
```

2) `copy()` :- Returns copy of dictionary

Syntax:

```
dictionary.copy()
```

3) `get()` : Returns the value of specified key.

Syntax :

`get.`

`dictionary.get(keyname, value)`

4) `items()` : Returns a list containing a tuple for each key value pair.

Syntax :

Syntax :

`dictionary.items()`

5) `keys()` : Returns a list containing the dictionary's keys.

Syntax :

`dictionary.keys()`

6) `pop()` : Removes the elements with specified key.

Syntax :

`dictionary.pop(keyname, default value)`

7) `popitem()` :- Removes the last inserted key value pair.

Syntax:

```
dictionary.popitem()
```

8) `update()` :- Updates the dictionary with the specified key-value pairs.

Syntax:

```
dictionary.update(iterable)
```

9) `values()` :- Returns a list of all the values in the dictionary.

Syntax:

```
dictionary.values()
```

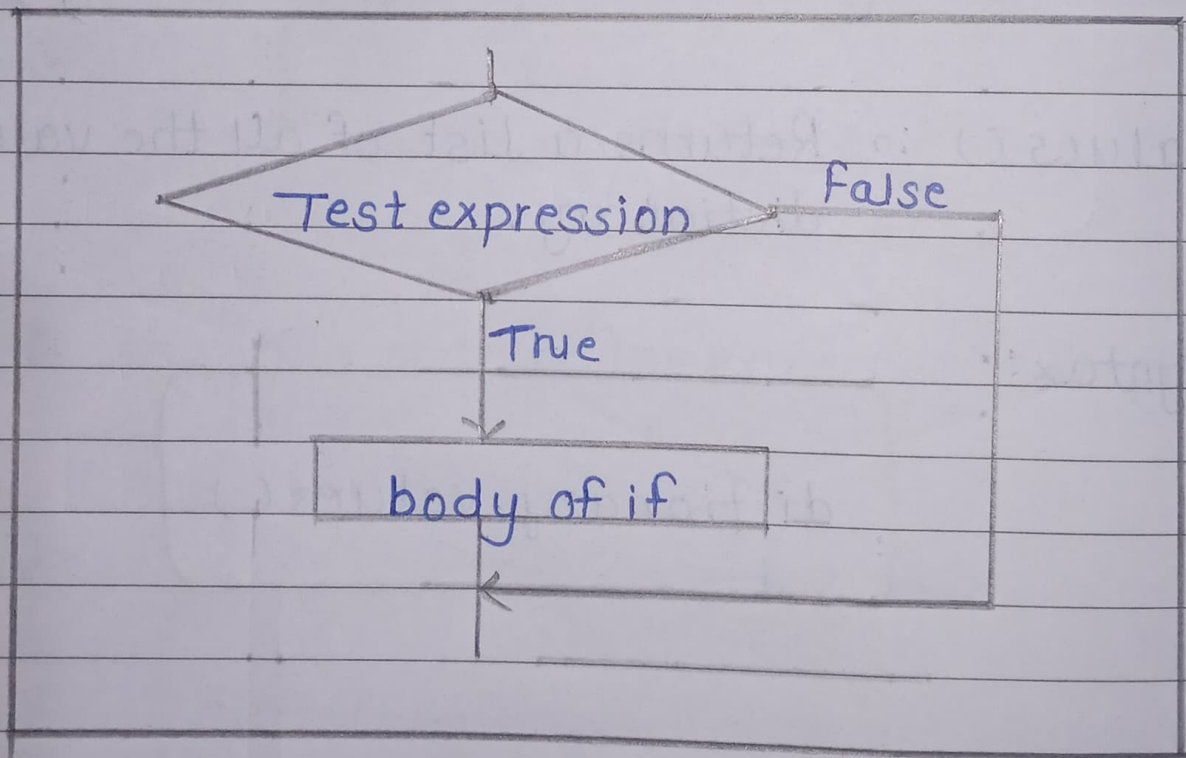
If - Else :-

Syntax :-

Simple if :-

if test expression :
statements

Flowchart :-

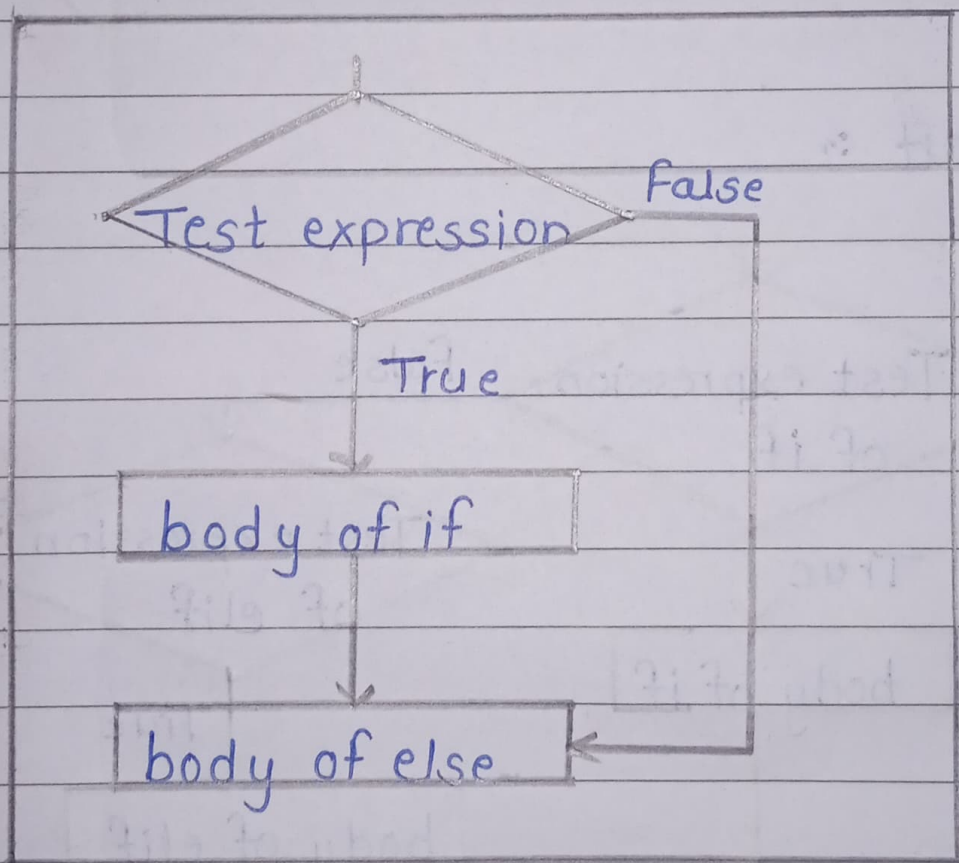


if _ else :-

if test expression :
body of if

else :
body of else.

Flowchart :-



if...elif...else :

```
if test expression:  
    body of if
```

```
elif test expression:  
    body of if elif
```

```
else :  
    body of else
```

Flowchart :

