

Enumerate Function in python

Enumerate Function

The enumerate function is a built in function in Python that allows you to loop over a sequence (such as a list, tuple or string) and get the index and value of each element in the sequence at the same time. Here's a basic example of how it work .

Example:

```
for index, mark in enumerate(marks):  
    print(mark)  
    if(index==4):  
        print("Munawar Awsome !")  
    index=index+1
```

Changing the start index

By default the enumerate function starts the index at 0, but you can specify a different starting index by passing it as an argument to the enumerate function.

Example:

```
#     index=index+1  
  
for index, mark in enumerate(marks,start=2):  
    print(mark)  
    if(index==4):  
        print("Munawar Awsome !")  
    index=index+1
```

Source Code

```
marks=[20,23,24,26,30,55,3,21]  
# index=0  
# for mark in marks:  
#     print(mark)  
#     if(index==3):  
#         print("Munawar Awsome !")
```

```
#     index=index+1

# for index, mark in enumerate(marks):
#     print(mark)
#     if(index==4):
#         print("Munawar Awsome !")
#     index=index+1

for index, mark in enumerate(marks,start=2):
    print(mark)
    if(index==4):
        print("Munawar Awsome !")
    index=index+1
```

Thank You