

generator function eng

February 7, 2023

```
[1]: range(1,10)
```

```
[1]: range(1, 10)
```

```
[3]: for i in range(1,10):  
      print(i)
```

```
1  
2  
3  
4  
5  
6  
7  
8  
9
```

```
[4]: l = [1,2,3,4,4,5,6,7,8,7,"sudh" , "pwwskills"]
```

```
[6]: def test1(a) :  
      n = []  
      for i in a :  
          if type(i) == int :  
              n.append(i)  
      return n
```

```
[7]: test1(l)
```

```
[7]: [1, 2, 3, 4, 4, 5, 6, 7, 8, 7]
```

```
[ ]: Fibonacci :  
  
    0 ,1 ,1,2,3,5,8,13,21,34
```

```
[8]: def test_fib(n) :  
      a,b = 0,1  
      for i in range(n):  
          yield a
```

```
a,b = b ,a+b
```

```
[9]: test_fib(10)
```

```
[9]: <generator object test_fib at 0x7f43f450ece0>
```

```
[10]: for i in test_fib(10) :  
      print(i)
```

```
0  
1  
1  
2  
3  
5  
8  
13  
21  
34
```

```
[ ]:
```