

Full stack web development using python

Decorator



Saurabh Shukla (MySirG)

Agenda

① Decorators

Higher-order functions

Higher-order function takes function as a parameter and return a function.

Decorator



```
def decor_result (result_func):  
    def distinction (marks):  
        for m in marks:  
            if m > 75:  
                print("Distinction")  
            else:  
                result_func(marks)  
    return distinction
```

@decor_result

```
def result(marks):
```

```
    for m in marks:
```

```
        if m > 33:
```

```
            pass
```

```
        else:
```

```
            print("FAIL")
```

```
            break
```

```
    else:
```

```
        print("PASS")
```

```
result([50, 40, 90, 80, 60])
```