

Full stack web development using python

Decorator



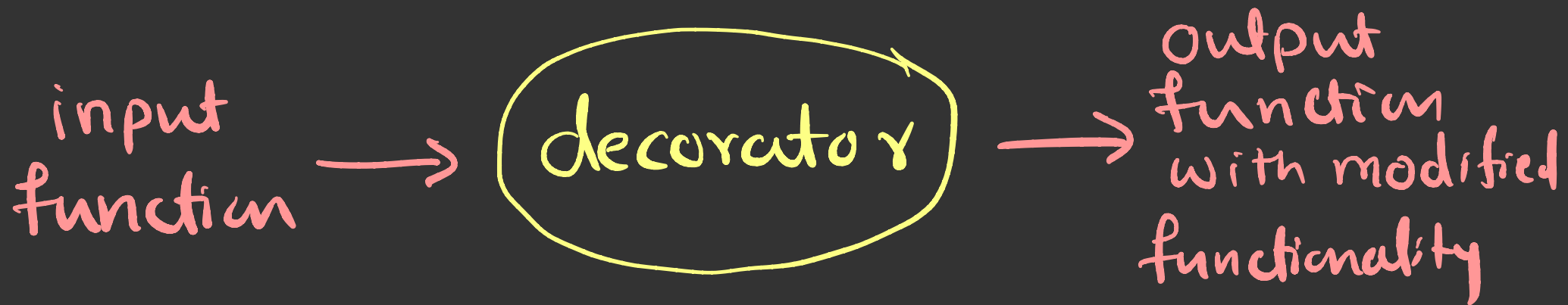
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Agenda

- ① Decorator
- ② How to use decorator?

Decorator

The job of decorator is to modify the functionality of a method.



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

```
    for m in marks:
```

```
        if m > 33:
```

```
            pass
```

```
        else:
```

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

```
            break
```

```
    else:
```

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

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

```
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")
```