<> **Code** | Issues | Pull requests | Actions | Projects | Wiki | Security

main

Data-Science-Course / **Class # 3.ipynb**

JawanTechPk Class # 3 Code | History

1 contributor

388 lines (388 sloc) | 6.34 KB

Conditions

In [12]:
```python
marks = int(input("Enter your marks: "))
```

Enter your marks: 75

In [13]:
```python
# { }
if (marks>50):
    if(marks>80):
        print("You aced")
    elif (80>marks>70):
        print("B grade")
    else:
        print("You passed")
elif (marks==50): # == <= >= !=
    print("You just passed")
else:
    print("Better luck next time!")
```

B grade

In [14]:
```python
a = 50
type(a)
```

Out[14]: int

In [15]:
```python
a = float(a)
type(a)
```

Out[15]: float

In [16]:
```python
a = str(a)
type(a)
```

Out[16]: str

LIST

In [21]:
```python
a = ["hello",1,2,3,4,5,6,7]
print(a)
```

['hello', 1, 2, 3, 4, 5, 6, 7]

In [22]:
```python
print(a[0:7])
```

['hello', 1, 2, 3, 4, 5, 6]

In [23]:
```python
a[::-1]
```

Out[23]: `[7, 6, 5, 4, 3, 2, 1, 'hello']`

In [24]:
```python
type(a)
```

Out[24]: list

In [8]:
```python
b = []
for i in range(5):
    print("*"*i)
```

```
*
**
***
****
```

In [10]:
```python
b.append(int(input("Enter your value: ")))
b.append(int(input("Enter your value: ")))
b.append(int(input("Enter your value: ")))
b.append(int(input("Enter your value: ")))
b.append(int(input("Enter your value: ")))
```

```
Enter your value: 1
Enter your value: 2
Enter your value: 3
Enter your value: 4
Enter your value: 5
```

In [11]:
```python
b
```

Out[11]: `[1, 2, 3, 4, 5]`

In [19]:
```python
b.remove(3)
b
```

Out[19]: `[1, 2, 4, 5]`

In [18]:
```python
b.insert(2,3)
b
```

Out[18]: `[1, 2, 3, 4, 5]`

In [25]:
```python
a=[1,2,3,4,5,6,7,8,9,0]
```

```
0
1
2
3
4
5
6
7
```

```
8
9
```

In [28]:
```python
a = input("Enter any word: ")
if(a==a[::-1]):
    print("Its a palindrome")
else:
    print("Not a Palindrome")
```

Enter any word: afasd
Not a Palindrome

In [ ]: