

## Day7

```
a=[("ankit",1,78),("aman",2,73),("ankita",3,72),("arushi",3,80)]
```

```
def class_topper(student):
```

```
    marks=0
```

```
    topper=""
```

```
    for a,b,c in student:
```

```
        if c>marks:
```

```
            marks=c
```

```
            topper=a
```

```
        else:
```

```
            pass
```

```
    return (topper,marks)
```

**o/p**

```
class_topper(a)
```

```
('arushi', 80)
```

```
def addition(*args):
```

```
    print(args)
```

**o/p**

```
addition(1,2)
```

```
(1, 2)
```

```
addition(1,2,3,4,5)
```

```
(1, 2, 3, 4, 5)
```

```
def addition(*args):
```

```
    print(args)
```

```
    return sum(args)
```

**o/p**

```
addition(1,2,3,4,5)
```

```
(1, 2, 3, 4, 5)
```

```
15
```

```
addition(100,250,300,460,550)
```

```
(100, 250, 300, 460, 550)
```

```
1660
```

```
def test(**kwargs):
```

```
    print(kwargs)
```

**o/p**

```
test(fruit='apple',sports='cricket',stock='wipro')
```

```
{'fruit': 'apple', 'sports': 'cricket', 'stock': 'wipro'}
```

```
test(apple=100,orange=80,banana=40)
```

```
{'apple': 100, 'orange': 80, 'banana': 40}
```

```
def test(**kwargs):
```

```
    if 'apple' in kwargs:
```

```
        print(f"price of apple is {kwargs['apple']}")
```

**o/p**

```
test(apple=100,orange=80,banana=40)
```

```
price of apple is 100
```

```
name="arushi"
```

```
def test():
```

```
    name="ankita"
```

```
    def new():
```

```
        name="ankit"
```

```
        print("hi "+name)
```

**new()**

**o/p**

test()