In [2]:

```python
#1

def is_symmetrical(n):
    n=str(n)
    if n==n[::-1]:
        return True
    return False


print(is_symmetrical(7227))
print(is_symmetrical(12567))
print(is_symmetrical(44444444))
print(is_symmetrical(9939))
print(is_symmetrical(1112111))
```

```
True
False
True
False
True
```

In [6]:

```python
# 2

def multiply_nums(n):
    k=1
    n=n.replace(" ","")
    n=n.split(",")
    for i in n:
        k*=int(i)
    print(k)



multiply_nums("2, 3")
multiply_nums("1, 2, 3, 4")
multiply_nums("54, 75, 453, 0")
multiply_nums("10, -2")
```

```
6
24
0
-20
```

In [8]:

```
# 3

def square_digits(n):
    n=str(n)
    k=""
    for i in n:
        k+=str(int(i)**2)
    print(k)


square_digits(9119)
square_digits(2483)
square_digits(3212)
```

```
811181
416649
9414
```

In [10]:

```
# 4



def setify(l):

    l.sort()
    print(sorted(list(set(l))))


setify([1, 3, 3, 5, 5])
setify([4, 4, 4, 4])
setify([5, 7, 8, 9, 10, 15])
setify([3, 3, 3, 2, 1])
```

```
[1, 3, 5]
[4]
[5, 7, 8, 9, 10, 15]
[1, 2, 3]
```

In [13]:

```
# 5


def mean(n):
    avg=0
    k=len(str(n))
    while n>0:
        r=n%10
        avg+=r
        n=n//10


    print(avg//k)


mean(42)
mean(12345)
mean(666)
```

```
3
3
6
```