In [4]:
```python
#1) Write a python code to find a square numbers?

def square(n):
    sq = n*n
    print(sq)
square(4)
square(10)
```

```
16
100
```

In [10]:
```python
#2) Write a python code to reverse a string?

def reverse(str):
    str = str[::-1]
    return str
s = "I'm learning python"
print(end="")
print(reverse(s))
```

```
nohtyp gninrael m'I
```

In [42]:
```python
def reverse(python):
    python = python[::-1]
    return python
A = "Be mine"
print(reverse(A))
```

```
enim eB
```

In [43]:
```python
def reverse(str):
    str = "".join(reversed(str))
    return str

s = "I stay in Hyderabad."

print(s)

print(reverse(s))
```

```
I stay in Hyderabad.
.dabaredyH ni yats I
```

In [31]:
```python
#3) Write a python code to Check if a number is prime or not?

def number(n):
    if n == 1:
        print('not a prime number')
    elif n>1 :
        for i in range(2,int(n/2)+1):
            if (n % i) == 0:
                print(n,"is not a prime number")
                break
            else:
                print(n,"is a prime number")
                break
    else:
        print(n,"is not a prime number")
number(17)
```

```
number(11)
number(20)
```

```
17 is a prime number
11 is a prime number
20 is not a prime number
```

In [44]:
```python
#4) Write a python code to find the common elements between two sets?

A = {'name','place','animal','thing'}
B = {'location','occupation','name','company'}
print(A&B)
```

```
{'name'}
```

In [49]:
```python
#5) Write a python code to remove Duplicates from a lists?

name = ['v','A','I','S','H','N','A','V','I']
print(list(set(name)))
```

```
['v', 'H', 'N', 'S', 'I', 'A', 'V']
```

In [56]:
```python
#6) Write a python code to Swap two numbers without using any variables?

a= 10
b= 20
a,b=b,a
print("a =",a,"b =",b)
```

```
a = 20 b = 10
```

In [ ]: