

In [2]:

```
print ('preeti')
```

preeti

## chapter 1

In [15]:

```
print ("john's a good instructor" )
```

john's a good instructor

In [22]:

```
print ("""jagadeesh said ,\"john's cls is boring\" """)
```

jagadeesh said ,\"john's cls is boring\"

## chapter 1[b]

In [22]:

```
friends = ('prajwal','preeti','shashi')  
print (friends)
```

('prajwal', 'preeti', 'shashi')

In [37]:

```
len(friends)
```

Out[37]:

3

In [19]:

```
friends[0]
```

Out[19]:

'prajwal'

In [69]:

```
friends[1:3]
```

Out[69]:

('preeti', 'shashi')

# chapter 2

## string and string methods

In [41]:

```
prajwal_age = 22
preeti_age = 21
type(prajwal_age)
type(preeti_age)
```

Out[41]:

int

In [44]:

```
preeti_age=21.5
type(preeti_age)
```

Out[44]:

float

In [49]:

```
prajwal_age = '22'
type(prajwal_age)
```

Out[49]:

str

In [53]:

```
prajwal_age[0]
```

Out[53]:

'2'

In [55]:

```
len (prajwal_age)
```

Out[55]:

2

## concatenation - indexing - slicing

In [66]:

```
fname = 'prajwal'
lname = 'preeti'
```

In [71]:

```
print(fname)
```

prajwal

In [73]:

```
print(fname)
print(lname)
```

prajwal  
preeti

In [77]:

```
print(fname, lname)
```

prajwal preeti

In [116]:

```
print('first name :', fname, 'last name :', lname)
```

first name: prajwal last name : preeti

In [113]:

```
print('first name : ' + fname + ' last name : ' + lname)
```

first name : prajwal last name :preeti

In [7]:

```
fname = 'prajwal'
lname = 'preeti'
age = 22
```

In [8]:

```
print(' first name : ' + fname + ' last name : ' + lname + ' age: ' + str(age))
```

first name : prajwal last name : preeti age: 22

In [16]:

```
print (' first name : ' + fname + '\n last name : ' + lname + '\n age : ' + str (age))
```

first name : prajwal  
last name : preeti  
age : 22

## #manipulating string with methods

In [45]:

```
person_1 = '    prajwal'  
person_2 = 'shashi'  
person_3 = '    preeti  '
```

In [46]:

```
person_1.lstrip()
```

Out[46]:

```
'prajwal'
```

In [57]:

```
person_1.casefold()
```

Out[57]:

```
'prajwal'
```

In [62]:

```
person_1.center(4)
```

Out[62]:

```
'prajwal'
```

In [72]:

```
person_1.count('p')
```

Out[72]:

```
1
```

In [74]:

```
person_1.count('r')
```

Out[74]:

```
1
```

In [75]:

```
person_1.count('a')
```

Out[75]:

```
2
```

In [78]:

```
person_1.encode()
```

Out[78]:

```
b'prajwal'
```

In [82]:

```
person_1.endswith('l')
```

Out[82]:

```
True
```

In [83]:

```
person_1.endswith('p')
```

Out[83]:

```
False
```

In [84]:

```
person_1.expandtabs()
```

Out[84]:

```
'prajwal'
```

In [85]:

```
person_1.find('r')
```

Out[85]:

```
1
```

In [89]:

```
person_1.format('raj')
```

Out[89]:

```
'prajwal'
```

In [91]:

```
person_1.format_map('p')
```

Out[91]:

```
'prajwal'
```

In [92]:

```
person_1.index('p')
```

Out[92]:

0

In [93]:

```
person_1.index('r')
```

Out[93]:

1

In [94]:

```
person_1.isalnum()
```

Out[94]:

True

In [95]:

```
person_1.isalpha()
```

Out[95]:

True

In [96]:

```
person_1.isascii()
```

Out[96]:

True

In [97]:

```
person_1.isnumeric()
```

Out[97]:

False

In [98]:

```
person_1.islower()
```

Out[98]:

True

In [99]:

```
person_1.isdigit()
```

Out[99]:

False

In [100]:

```
person_1.isprintable()
```

Out[100]:

True

In [101]:

```
person_1.isupper()
```

Out[101]:

False

In [102]:

```
person_1.lower()
```

Out[102]:

'prajwal'

In [103]:

```
person_1.upper()
```

Out[103]:

'PRAJWAL'

In [104]:

```
person_1.istitle()
```

Out[104]:

False

In [114]:

```
person_1.replace('prajwal.c' , 'preeti' )
```

Out[114]:

'prajwal'

In [116]:

```
person_1.removeprefix('p')
```

Out[116]:

```
'rajwal'
```

In [123]:

```
person_1.rjust(0)
```

Out[123]:

```
'prajwal'
```

In [124]:

```
person_1.removesuffix('wal')
```

Out[124]:

```
'praj'
```

In [126]:

```
person_1.split('praj')
```

Out[126]:

```
['', 'wal']
```

In [130]:

```
person_1.title()
```

Out[130]:

```
'Prajwal'
```

In [131]:

```
person_1.swapcase()
```

Out[131]:

```
'PRAJWAL'
```

In [132]:

```
instructor_1 = 'john'  
instructor_2 = 'varun'  
instructor_3 = 'p'
```



In [134]:

```
instructor_1.capitalize()
```

Out[134]:

```
'John'
```

In [135]:

```
instructor_1.casefold()
```

Out[135]:

```
'john'
```

In [138]:

```
instructor_1.count('john')
```

Out[138]:

```
1
```

In [139]:

```
instructor_1.count('varun')
```

Out[139]:

```
0
```

In [140]:

```
instructor_2.count('varun')
```

Out[140]:

```
1
```

In [141]:

```
instructor_2.count('parth')
```

Out[141]:

```
0
```

In [142]:

```
instructor_1.find('v')
```

Out[142]:

```
-1
```

In [145]:

```
instructor_1.find('j')
```

Out[145]:

0

In [146]:

```
instructor_1.format()
```

Out[146]:

'john'

In [147]:

```
instructor_2.format()
```

Out[147]:

'varun'

In [161]:

```
instructor_1.join('g g')
```

Out[161]:

'gjohn johng'

In [162]:

```
instructor_1.islower()
```

Out[162]:

True

In [163]:

```
instructor_1.removesuffix('hn')
```

Out[163]:

'jo'

In [165]:

```
instructor_1.swapcase()
```

Out[165]:

'JOHN'

In [169]:

```
instructor_1.rindex('j')
```

Out[169]:

0

In [170]:

```
instructor_1.rindex('o')
```

Out[170]:

1

In [171]:

```
instructor_1.index('h')
```

Out[171]:

2

In [172]:

```
instructor_1.index('n')
```

Out[172]:

3

In [176]:

```
instructor_1.split()
```

Out[176]:

['john']

In [177]:

```
instructor_1.upper()
```

Out[177]:

'JOHN'

In [178]:

```
instructor_1.title()
```

Out[178]:

'John'

