

## # Karanjot Singh

In [30]:

```
s = "Hellllo How are you!!!"  
print(s.index("are"))  
print(s.count("l"))  
print(s[::-1])  
print(s[:7])  
print(s.upper())  
print(s.lower())  
print(s.startswith("Hellllo"))  
print(s.endswith("q"))  
print(s.split())  
print(s.center(15))  
print(s.ljust(15))  
print(s.rjust(15))  
print(s.zfill(15))  
print(s.find("y"))  
print(s.title())  
print(s.replace("H", "h"))
```

12

4

!!!uoy era woH olllleH

Hellllo

HELLLLO HOW ARE YOU!!!

hellllo how are you!!!

True

False

['Hellllo', 'How', 'are', 'you!!!']

Hellllo How are you!!!

Hellllo How are you!!!

Hellllo How are you!!!

Hellllo How are you!!!

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Hellllo How Are You!!!

hellllo how are you!!!

In [63]:

```

l = {"1", "3", "6", "8"}
a = "".join(l)
print(a)
s = "Welcome to Class"
x = s.split()
print(type(x))
print(x)
x = s.split("o")
print(x)
print(s.isnumeric())
print(s.isdigit())

```

```

8*6*3*1
<class 'list'>
['Welcome', 'to', 'Class']
['Welc', 'me t', ' Class']
False
False

```

In [74]:

```

name = input("Ente Your Name:").split()
age = int(input("Enter your Age:"))
output = ""
for i in name:
    output = output + i[0].lower()
output = output+str(age)
print(output)
output = ""
for i in name:
    output = output + i[len(i)//2]
output = output + str(age*2)
print(output)

```

```

Ente Your Name:Jatin Sharma
Enter your Age:20
js20
tr40

```

In [108]:

```

s = input("Enter the String:").split()
l = []
vowels = set("AEIOUaeiou")
vow, cons, spac, dig, count = 0, 0, 0, 0, 0
print(s)
for i in s:
    l.append(len(i))
    count += 1
    for j in i:
        #print(type(j))
        if j.isalpha():
            if j in vowels:
                vow += 1
                continue
            elif ord(j) in [x for x in range(65,91)] or ord(j) in [x for x in range(97,123)]:
                cons += 1
                continue
            elif j in [str(x) for x in range(0,10)]:
                dig += 1

print("Smallest Word is:", s[l.index(min(l))])
print("Greatest Word is:", s[l.index(max(l))])
print("No of Vowels are: ", vow)
print("No of Consonents are:", cons)
print("No of spaces are:", count-1)
print("No of Digit Are:", dig)

```

Enter the String:12 how 23 are youe  
['12', 'how', '23', 'are', 'youe']  
Smallest Word is: 12  
Greatest Word is: youe  
No of Vowels are: 6  
No of Consonents are: 4  
No of spaces are: 4  
No of Digit Are: 4

In [19]:

```

s = input("Enter the String:")
character = dict()
count = 0
for i in range(0, len(s)):
    count = 0
    for j in range(len(s)):
        if s[i] != " " and s[i] == s[j]:
            count = count + 1
    character[s[i]] = count
print(character)
l = list(character.items())
l = sorted(l, reverse=True)
character = dict(l)
print(character)

```

Enter the String:Karanjot Singh  
{'K': 1, 'a': 2, 'r': 1, 'n': 2, 'j': 1, 'o': 1, 't': 1, ' ': 0, 'S': 1, 'i': 1, 'g': 1, 'h': 1}  
{'t': 1, 'r': 1, 'o': 1, 'n': 2, 'j': 1, 'i': 1, 'h': 1, 'g': 1, 'a': 2, 'S': 1, 'K': 1, ' ': 0}

In [31]:

```
d = {"Ram":"15/07/1989","Krishna":"09/12/1988","Venkat":"11/02/2016"}
date = input("Input Date In [DD-MM-YYYY] Format:").split("-")
s = "/"
s = s.join(date)
print(s)
count = 0
for key,value in d.items():
    if value == s:
        print("Date Found!!!!")
        print("Name is:",key)
        count += 1
        break
if count == 0:
    print("Date Not Present in Dict!!!")
```

Input Date In [DD-MM-YYYY] Format:15-07-1989  
15/07/1989  
Date Found!!!!  
Name is: Ram