In [30]:

```python
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 ollllleH
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!!!
16
Hellllo How Are You!!!
hellllo how are you!!!
```

In [63]:

```python
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]:

```python
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]:

```python
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 [ ]: