

1.print all vowels from list of single chars

CODE:

```
a = ["a","b","h","i","g","n","y","a"]
```

```
for i in a:
```

```
    if i in 'aeiouAEIOU':
```

```
        print(i)
```

O/P:

a

i

a

2.print all strs which are len > 5 and push to new list

CODE:

```
str = ["abhignya","nikitha","ram","srujana","sirisha"]
```

```
lis = []
```

```
for i in str:
```

```
    if len(i)>5:
```

```
        lis.append(i)
```

```
print(lis)
```

O/P:

```
['abhignya', 'nikitha', 'srujana', 'sirisha']
```

3.print all odd indices values in list

CODE:

```
a = ["Itachi","Naruto","Jiraiya","kakashi","Lee"]
```

```
for i in range(len(a)):
```

```
    if i % 2 == 1:
```

```
        print(a[i])
```

O/P:

Naruto

Kakashi

4.print all odd indices values and find only str and that too len >3 and len<5

CODE:

O/P:

5.print all even indices values from list and push to new list

CODE:

```
num=[20,45,63,4,10,24,42]
```

```
n=[]
```

```
for i in range(0,len(num)):
```

```
    if i%2==0:
```

```
        n.append(num[i])
```

```
print("new list:",n)
```

O/P:

new list: [20, 63, 10, 42]