

1. print all vowels from list of single chars
lis = ["s","n","p","o","b","i","u"]
vow = "aeiouAEIOU"
for i in lis:
 if i in vow:
 print(i, end = " ")
output: o i u
2. print all str which are len > 5 and push to new list
names = ["srujana","abhignya", "mukku", "siri"]
new = []
for i in names:
 if len(i) > 5:
 new.append(i)
print(new)
output: ['srujana', 'abhignya']
3. print all odd indices values in list
lis = [12,11,45,67,89,10,9,60]
for i in range(1,len(lis),2):
 print(lis[i])
output:
11
67
10
60
4. print all odd indices values and find only str and that too len > 3 and len < 5
lis = [12,"sujju",45,67,89,10,"zaya","maya"]
for i in lis[1:len(lis):2]:
 print(i)
 if type(i) == str:
 if len(i) > 3 and len(i) < 5:
 print(i)
output:
sujju
67
10
maya
maya
5. print all even indices values from list and push to new list

lis = [12,"sujju",45,67,89,10,"zaya","maya"]
new = []
for i in lis[0:len(lis):2]:
 new.append(i)

```
print(new)
```

```
output: [12, 45, 89, 'zaya']
```