

lesson-4

October 13, 2023

```
[ ]: names=[]
while True:
    name=input("Enter student name")
    if name=="close":
        break
    names.append(name)

i=0
while i<len(names):
    print("Student ",i," =",names[i])
    i=i+1
```

```
Enter student nameAbdata
Enter student nameKebede
Enter student nameTemesgen
Enter student nameChala
Enter student nameclose
Student 0 = Abdata
Student 1 = Kebede
Student 2 = Temesgen
Student 3 = Chala
```

```
[8]: i=1
while i<10:
    print(i)
    i=i+2
```

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[ ]:
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[9]: i=1
while i<=100:
    print(i)
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`i=i+1`

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```
[2]: x=[1,2,3,4,5,6]

sum=0
i=0
while i<len(x):
    sum=sum+x[i]
    i=i+1
print("sum =",sum)
```

sum = 21

```
[6]: #accept n number of students and display their name

n=int(input("Enter the total number of students"))

student_names=[]

i=0
while i<n:
    name=input("enter student "+ str(i))
    student_names.append(name)
    i=i+1

#now display student names

i=0
print("### Student Database")

while i<len(student_names):
    print(student_names[i])
    i=i+1
```

```
Enter the total number of students3
enter student 0Tefera
enter student 1Bedhasa
enter student 2Abdata
### Student Database
Tefera
Bedhasa
Abdata
```

```
[7]: student_names=[]

while True:
    name=input("Student name")
    if name=='x':
        break
    student_names.append(name)

print("#list of students")

i=0
while i<len(student_names):
    print(student_names[i])
    i+=1
```

```
Student nameAbdata
Student namechala
Student nameMohammed
Student nameAbdalla
Student nameTemam
Student nameSofoniyas
Student namex
#list of students
Abdata
chala
Mohammed
Abdalla
Temam
Sofoniyas
```