

1. Print each character of a string.

```
str="Devi"
```

```
for char in str:
```

```
    print(char)
```

OUTPUT:

D

e

v

i

2. Print all even numbers from a list.

```
list=[1,2,3,4,5,6,7,8,9]
```

```
for i in list:
```

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

```
        print(i)
```

OUTPUT:

2

4

6

8

3. Calculate the sum of numbers in a tuple.

```
tuple=(1,2,3,4,5)
```

```
total=0
```

```
for i in tuple:
```

```
total+=i  
print("sum of:",total)
```

OUTPUT:

sum of: 15

4. Print names from a list of strings.

```
list=["sohan","honey","lohitha"]
```

```
for i in list:
```

```
    print(i)
```

OUTPUT:

sohan

honey

lohitha

5. Print square of numbers using range.

```
for i in range(1,6):
```

```
    print("square(i)",i*i)
```

OUTPUT:

square(i) 1

square(i) 4

square(i) 9

square(i) 16

square(i) 25

6. Count vowels in a string.

```
vowel = ['a', 'e', 'i', 'o', 'u']
```

```
count = 0
string = input("Enter a string: ")
for char in string:
    if char.lower() in vowel:
        count = count + 1
        print(char)
print("Total vowels:", count)
```

OUTPUT:

Enter a string: devi

e

i

Total vowels: 2

7. Reverse a string using for loop.

```
str="DEVI"
for char in str[::-1]:
    print(char)
```

OUTPUT:

I

V

E

D

8. Check if elements in list are positive

```
list=[-1,-2,-3,0,1,2,3]
```

```
for i in list:
    if(i>0):
        print("the number is even")
    if(i<0):
        print("the number is not even")
```

OUTPUT:

```
the number is not even
the number is not even
the number is not even
the number is even
the number is even
the number is even
```

9. Print odd-indexed characters in a string.

```
str=["devi","paripurna","pallavi","likhi","manasa","sridevi"]
for char in str[1:6:2]:
    print(char)
```

OUTPUT:

```
paripurna
likhi
sridevi
```

10. Print multiples of 3 using range.

```
for i in range(1, 6):
    if i % 3 == 0:
```

```
print(i)
```

OUTPUT:

3

11. Find the product of numbers in a list

```
list=[1,2,3,4]
```

```
product=2
```

```
for i in list:
```

```
    total=product*i
```

```
    print("product is:",total)
```

OUTPUT:

product is: 2

product is: 4

product is: 6

product is: 8

