```python
# Infinite Loop
```

```python
a = 10

while a > 0:
    print("Utsav sir is smart!", a)
    a -= 1
    while a == 4:
        print("Utsav")
        break
```

```
Utsav sir is smart! 10
Utsav sir is smart! 9
Utsav sir is smart! 8
Utsav sir is smart! 7
Utsav sir is smart! 6
Utsav sir is smart! 5
Utsav
Utsav sir is smart! 4
Utsav sir is smart! 3
Utsav sir is smart! 2
Utsav sir is smart! 1
```

```python
a = "Utsav"

for kuchaur in a:
    print(kuchaur)
```

```
U
t
s
a
v
```

```python
for x in range(2, 12, 2):
    print(x)
```

```
2
4
6
8
10
```

```python
for x in range(10,0,-2):
    print(x)
```

```
10
8
6
4
2
```

```python
a = [12, 4, 5, 5, 67, 76, 54, 3, 65, 43]
wo = len(a)
for x in range(0, wo, 2):
    print(a[x])
```

```
12
5
67
54
65
```

```python
a = ["Utsav",3,4,1243,5,63]
for x in a:
    print(x)
```

```
Utsav
3
4
1243
5
63
```

```python
a = "Utsav"
b = "Patel"

for x in a:
    if x not in b:
        print(x)
```

```
U
s
v
```

```python
for x in b:
    if x not in a:
        print(x)
```

```
P
e
l
```

```python
for x in a:
    for y in b:
        if x == y:
            print(x)
```

```
t
a
```