

## loop assignment

In []:

```
for i in range(1, 11):
    print(i)

    i = 20
while i >= 1:
    print(i)
    i -= 1
for i in range(1, 11):
    if i % 2 == 0:
        print(i)
        n = int(input("Enter a number: "))
for i in range(1, n + 1):
    print(i)
    n = int(input("Enter a number: "))
for i in range(1, n + 1, 2):
    print(i)
for _ in range(5):
    print("Happy Birthday!")
    n = int(input("Enter a number: "))
print(f"The first {n} terms of the series are:")
for i in range(1, n + 1):
    print(i ** 2, end=" ")
    n = int(input("Enter a number: "))
for i in range(1, 11):
    print(f"{n} x {i} = {n * i}")
start = 3
diff = 4
terms = 8
for i in range(terms):
    print(start + i * diff, end=" ")
```

```
1
2
3
4
5
6
7
8
9
10
20
19
```

18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
2

In [ ]: