```python
# Multiplication Table
num = int(input("Enter a number: "))
for i in range(1, 11):
    print(num, "x", i, "=", num * i)
print("VIKAS G H")
print("AI ML")
```

```
Enter a number: 6
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
VIKAS G H
AI ML
```

```python
#Even Numbers from 1 to 50
for i in range(2, 51, 2):
    print(i)
print("Vikas G H")
print("AI ML")
```

```
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
Vikas G H
AI ML
```

```python
#Reverse Counting (10 to 1)
i = 10
```

```
while i >= 1:
    print(i)
    i -= 1
print("Vikas G H")
print("AI ML")
```

```
10
9
8
7
6
5
4
3
2
1
Vikas G H
AI ML
```

```
#Skip Multiples of 3 (using continue)
for i in range(1, 21):
    if i == 13:
        break
    print(i)
print("Vikas G H")
print("AI ML")
```

```
1
2
3
4
5
6
7
8
9
10
11
12
Vikas G H
AI ML
```

```
#Stop at Number 13 (using break)
for i in range(1, 21):
    if i == 13:
        break
    print(i)
print("Vikas G H")
print("AI ML")
```

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

```
11
12
Vikas G H
AI ML
```

```
#Count Digits of a Number
num = int(input("Enter a number: "))
count = 0
while num != 0:
    num //= 10
    count += 1
print("Number of digits:", count)
print("Vikas G H")
print("AI ML")
```

```
Enter a number: 4
Number of digits: 1
Vikas G H
AI ML
```

Double-click (or enter) to edit

```
#Pass Statement Example
for i in range(1, 11):
    if i == 5:
        pass
    print(i)
print("Vikas G H")
print("AI ML")
```

```
1
2
3
4
5
6
7
8
9
10
Vikas G H
AI ML
```