

 main.py  

```
1 # question 1
2 for i in range(1,10):
3     print(i)
```



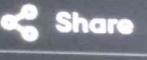
A screenshot of a code editor interface, likely Jupyter Notebook, showing the execution of a Python code cell. The top bar includes icons for settings, share, and run, along with a status message about code line interpretation. The main area is titled 'Output' and displays the results of a print command.

```
Interpretation of code line:  
print(egv)  
  
1  
2  
3  
4  
5  
6  
7  
8  
9  
  
== Code Execution Successful ==
```

The image shows a screenshot of a Python code editor. On the left, there is a vertical toolbar with various icons. The main area displays a file named "main.py" containing the following code:

```
1 #question 2
2 n=int(input("enter number: "))
3 i=1
4 sum=0
5 while i<=n:
6     sum += 1
7     i += 1
8     print("sum of first:",n,"natural number is;", sum)
9
```

The code uses a while loop to iterate from 1 to n, adding each value to the sum. It then prints the total sum. The code editor has a dark theme with light-colored text. The top right corner features standard file operations like Save, Share, and Run.

 Share 

	Output
	<pre>enter number: 6 sum of first: 6 natural number is; 1 sum of first: 6 natural number is; 2 sum of first: 6 natural number is; 3 sum of first: 6 natural number is; 4 sum of first: 6 natural number is; 5 sum of first: 6 natural number is; 6 == Code Execution Successful ==</pre>

The screenshot shows a Python code editor interface with a dark theme. On the left, there's a vertical toolbar with icons for file operations like Open, Save, and Print, as well as icons for Jupyter notebooks and terminal sessions. The main area has tabs for 'main.py' and 'Untitled'. The code in 'main.py' is:

```
1 #question 3
2 num = int(input("enter number; "))
3 for i in range(1,11):
4     print(num,"x",i, "=" ,num*i)
```

Below the code, there are standard browser-like buttons for back, forward, search, and refresh. To the right, there's a 'share' button and a 'Run' button. The output panel is titled 'Output' and contains the results of the code execution:

```
enter number; 3
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
==> Code Execution Successful
```

 Share

 Run

Output

```
enter number; 3
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
== Code Execution Successful ==
```



BLACK

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Programiz

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main.py

Output



```
1 #revers counting(10 to 1)
2 i=10
3 while i >= 1:
4     print(i)
5     i -= 1
```

[Run](#)

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Python Online Compiler

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main.py

Output



10

9

8

7

6

5

4

3

2

1

```
==== Code Execution Successful ====
```

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Programiz

Python Online Compiler

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main.py

Output



```
1 #skip multiples of 3 (using continue
   )
2 for i in range(1,21):
3     if i == 13:
4         break
5     print(i)
```

Run





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main.py

Output



1
2
3
4
5
6
7
8
9
10
11
12|

==== Code Execution Successful ===



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Programiz

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main.py

Output



```
1 ##stop at number 13 (useing break)
2 for i in range(1,21):
3     if i == 14:
4         break
5     print(i)
```

[Run](#)

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main.py

Output



1
2
3
4
5
6
7
8
9
10
11
12
13

==== Code Execution Successful ===





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Programiz

Python Online Compiler

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main.py

Output



```
1 #sum until negative number
2 total = 0
3 while True:
4     num = int(input("Enter a number:
5         "))
6     if num < 0:
7         break
8     total += num
9     print("sum =", total)
```

Run





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main.py

Output



Enter a number: 1

sum = 1

Enter a number: 6

sum = 7

Enter a number: 8

sum = 15

Enter a number: |



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main.py

Output



```
1 #pass statement example
2
3 for i in range(1, 11):
4     if i == 5:
5         pass
6     print(i)
7
```

[Run](#)

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Programiz

Python Online Compiler

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main.py

Output



1
2
3
4
5
6
7
8
9
10

==== Code Execution Successful ===





main.py

Output



```
1 #count digits of number
2 num = int(input("enter a number: "))
3 count = 0
4 while num >0:
5     num//= 10
6     count += 1
7 print("number of digits:", count)
8
```

Run



GIF



1 q 2 w 3 e 4 r 5 t 6 y 7 u 8 i 9 o 0 p

a s d f g h j k l



z

x

c

v

b

n



?123



English



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main.py

Output



enter a number: 5

number of digits: 1

==== Code Execution Successful ===



main.py

Output



```
1 #even number from 1to 50
2 for i in range(2,51,2):
3     print(i)
```



Programiz

Python Online Compiler

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main.py

Output



2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38