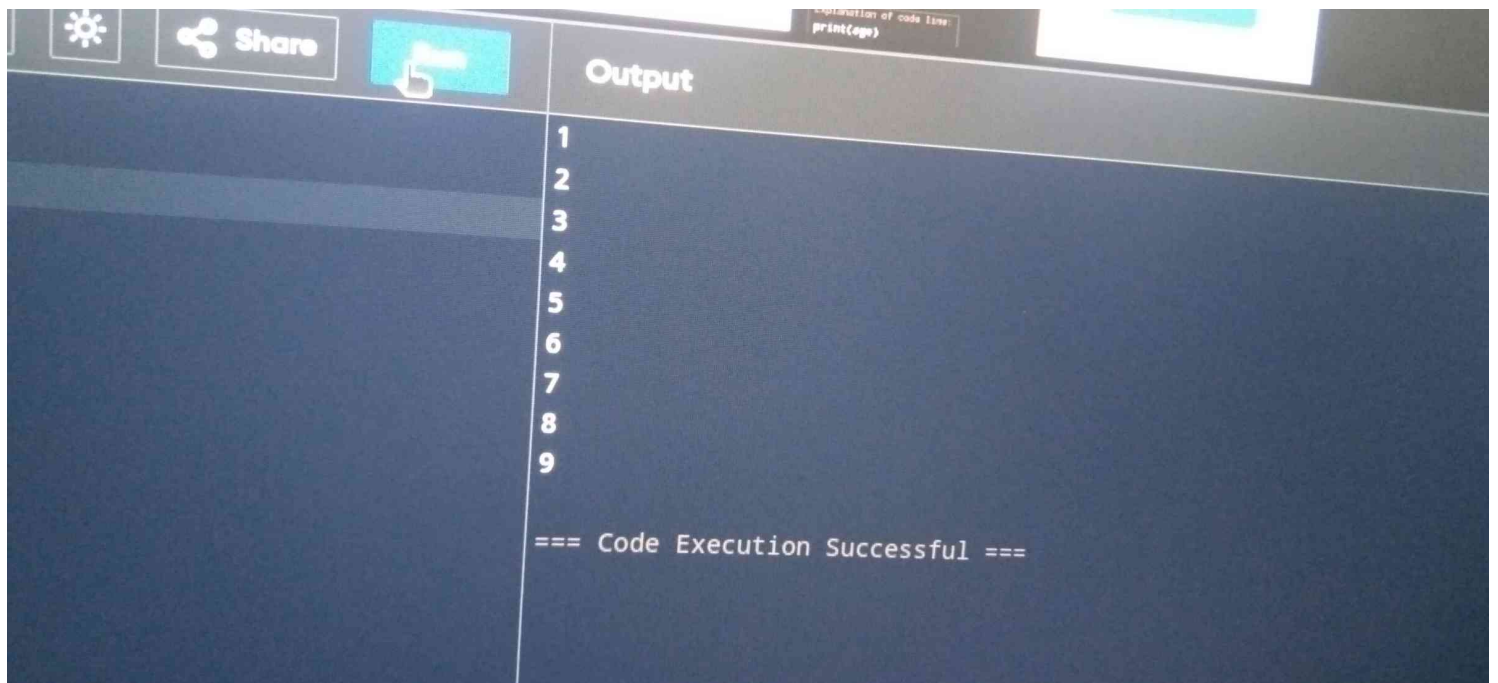
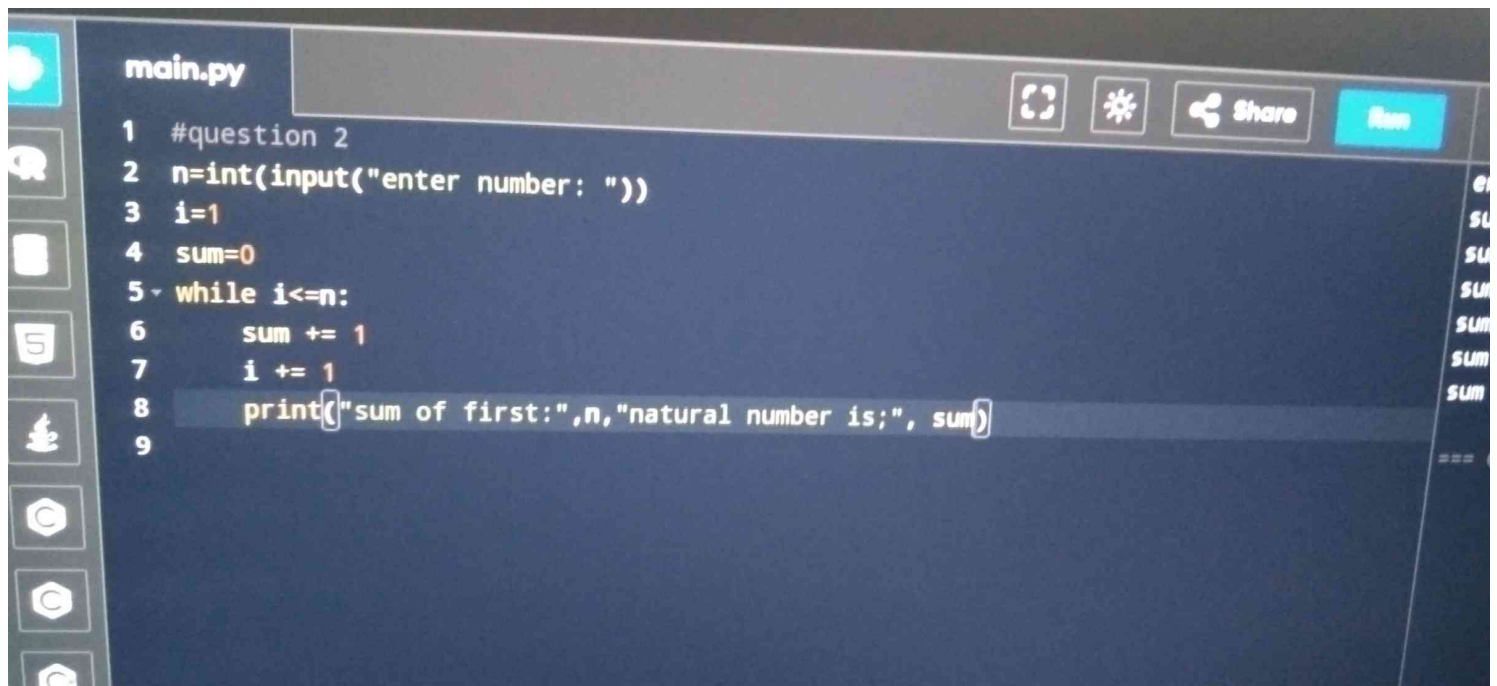


```
1 # question 1
2 for i in range(1,10):
3     print(i)
```






The image shows a code editor window titled "main.py". The code is a Python script that calculates the sum of the first n natural numbers. The code is as follows:

```
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 is written in a dark-themed editor. The file name "main.py" is in the top left. The code is numbered 1 through 9. The 8th line is highlighted. The editor has a toolbar on the right with icons for running, settings, and sharing, and a "Run" button. On the left, there is a sidebar with icons for file explorer, search, and other tools.

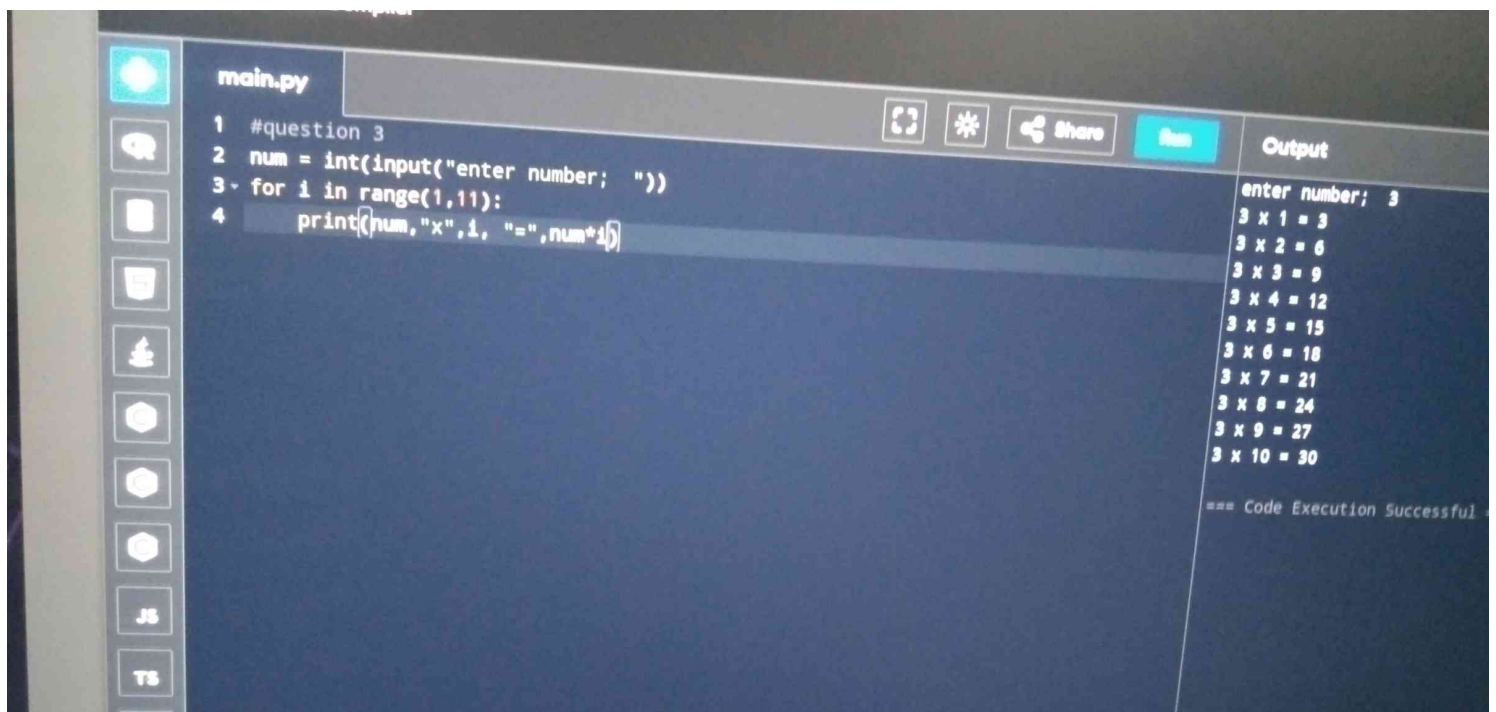
 Share

Run

Output

```
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 ===
```



The image shows a screenshot of a web-based code editor. The editor has a dark blue theme. On the left, there is a sidebar with several icons: a lightbulb, a speech bubble, a document, a trash can, a tree, and several hexagons. Below these are buttons for 'JS' and 'TS'. The main area is divided into two sections. The top section is a file explorer showing 'main.py'. The bottom section is the code editor, which contains the following Python code:

```
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 editor, there is a 'Run' button and a 'Share' button. To the right of the code editor is an 'Output' panel. It shows the output 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
```

At the bottom of the output panel, it says '=== 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

NOVEMBER

Ends in 14h:12m:05s

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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](#)



BLACK

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Ends in 14h:11m:53s

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main.py

Output



10

9

8

7

6

5

4

3

2

1

=== Code Execution Successful ===



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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





BLACK

NOVEMBER

Ends in 14h:06m:29s

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main.py

Output



1

2

3

4

5

6

7

8

9

10

11

12

=== Code Execution Successful ===



BLACK

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main.py

Output



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

[Run](#)



BLACK

NOVEMBER

Ends in 14h:02m:55s

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main.py

Output



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

=== Code Execution Successful ===





BLACK

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Ends in 13h:51m:56s

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Python Online Compiler

Programiz PRO

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





BLACK

NOVEMBER

Ends in 13h:51m:50s

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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: |
```





BLACK

NOVEMBER

Ends in 13h:48m:17s

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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





BLACK

NOVEMBER

Ends in 13h:48m:10s

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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



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main.py

Output



```
enter a number: 5  
number of digits: 1
```

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





Python Online Compiler

Programiz PRO

main.py

Output



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



**Programiz**

Python Online Compiler

Programiz PRO

main.py

Output



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