

Online Python Compiler (Interp...

programiz.com/python-programming/online-compiler/

Programiz

Python Online Compiler

BIG BOOST

100% Bonus up to ₹1 Lakh

Programiz PRO

main.py

Share

Run

Output

Clear

```
1 testcases=[[],[5],[7,7,7,7],[-5,-1,-3,-2,-1]]
2 for list in testcases:
3     print("input:",list)
4     if(len(list)==0):
5         print("expected output:",list)
6     else:
7         list.sort()
8         print("expected output:",list)
```

```
input: []
expected output: []
input: [5]
expected output: [5]
input: [7, 7, 7, 7]
expected output: [7, 7, 7, 7]
input: [-5, -1, -3, -2, -1]
expected output: [-5, -3, -2, -1, -1]


--- Code Execution Successful ---
```

Online Python Compiler (Interp... x ChatGPT x +

programiz.com/python-programming/online-compiler/









Programiz
Python Online Compiler

Premium Coding
Courses by Programiz






Programiz PRO

Programiz PRO >



main.py

Run

```
1 arr=[9,3,6,1,5]
2 length=len(arr)
3 for i in range(length):
4     min=1
5     for j in range(i+1,length):
6         if(arr[j]<arr[min]):
7             min=j
8     arr[i],arr[min]=arr[min],arr[i]
9 print(arr)
```

Output

Clear

[1, 3, 5, 6, 9]

=== Code Execution Successful ===

Online Python Compiler (Interp... x ChatGPT x +

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

BIG BOOST
18+ only. Terms Apply

Bet just ₹1, win mega jackpots
Play Now

Programiz PRO >

main.py

Share

Run

```
1 arr=[5,2,9,1,5,6]
2 length=len(arr)
3 for i in range(length-1):
4     for j in range(length-i-1):
5         if(arr[j]>arr[j+1]):
6             arr[j],arr[j+1]=arr[j+1],arr[j]
7 print(arr)
```

Output

Clear

```
[1, 2, 5, 5, 6, 9]


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

Online Python Compiler (Interp... x ChatGPT x +

programiz.com/python-programming/online-compiler/

Programiz

Python Online Compiler



Cost-Save Guide For MSPs

SPONSORED BY AHSAY BACKUP SOFTWARE

LEARN MORE

Programiz PRO >

main.py

JS

GO

PHP

1 arr=[5,4,10,1,6,2]

2 length=len(arr)

3 for i in range(1,length):

4 temp=arr[i]

5 j=i-1

6 while(j>=0 and arr[j]>temp):

7 arr[j+1]=arr[j]

8 j=j-1

9 arr[j+1]=temp

10 print(arr)

Run

Share

Output

Clear

[1, 2, 4, 5, 6, 10]


=== Code Execution Successful ===

Online Python Compiler (Interp... x ChatGPT x +

programiz.com/python-programming/online-compiler/





















Programiz
Python Online Compiler

Premium Coding
Courses by Programiz







Programiz PRO

Programiz PRO >



main.py

 Share  Run

```
1 arr=[2,3,4,7,11]
2 k=5
3 missing_count=0
4 current_number=1
5 i=0
6 while(missing_count<k):
7     if(i<len(arr) and arr[i]==current_number):
8         i=i+1
9     else:
10        missing_count+=1
11        if(missing_count==k):
12            print(current_number)
13        current_number+=1
```

Output

Clear

9

=== Code Execution Successful ===

Online Python Compiler (Interp... x ChatGPT x +

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

Ad

AI Chatbot Agent

Sign up

AI Chatbot Agent - Kong.ai

Kong.ai

Sign up >

Programiz PRO >

main.py

Share

Run

```
1 nums=[1,2,3,1]
2 low=0
3 high=len(nums)-1
4 while(low<high):
5     mid=(low+high)//2
6     if(nums[mid]>nums[mid+1]):
7         high=mid
8     else:
9         low=mid+1
10 peak_index=low
11 print(peak_index)
```

Output

Clear

2

=== Code Execution Successful ===

Online Python Compiler (Interp... x

ChatGPT x +

programiz.com/python-programming/online-compiler/

Programiz

Python Online Compiler

Google Ads

...Get up to ₹60,000 in Ads credit.

Terms Apply.

Claim Now

Programiz PRO >

main.py

Run

Share

Output

Clear

```
1 haystack="sadtosad"
2 needle="sad"
3 if(needle in haystack):
4     index=haystack.find(needle)
5 else:
6     index=-1
7 print("output:",index)
```

output: 0

=== Code Execution Successful ===

Online Python Compiler (Interp...
ChatGPT

programiz.com/python-programming/online-compiler/

☆ | M |

Programiz
Python Online Compiler

Google Ads
...Get up to ₹60,000 in Ads credit.
Terms Apply.
Claim Now

Programiz PRO >

main.py

Run

Share

Clear

```
1 words=["mass","as","hero","superhero"]
2 result=[]
3 for i in range(len(words)):
4     for j in range(len(words)):
5         if(i!=j and words[i] in words[j]):
6             result.append(words[i])
7 print(result)
```

Output

['as', 'hero']
=== Code Execution Successful ===