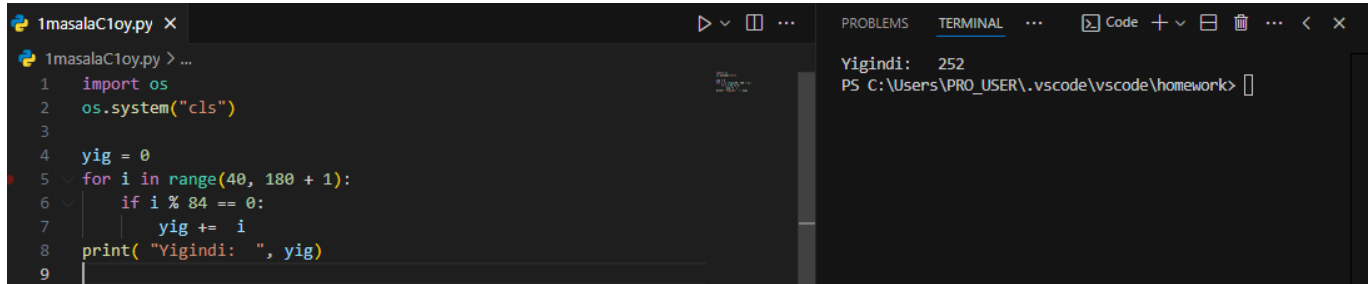


## 1 – masala(C1oy)



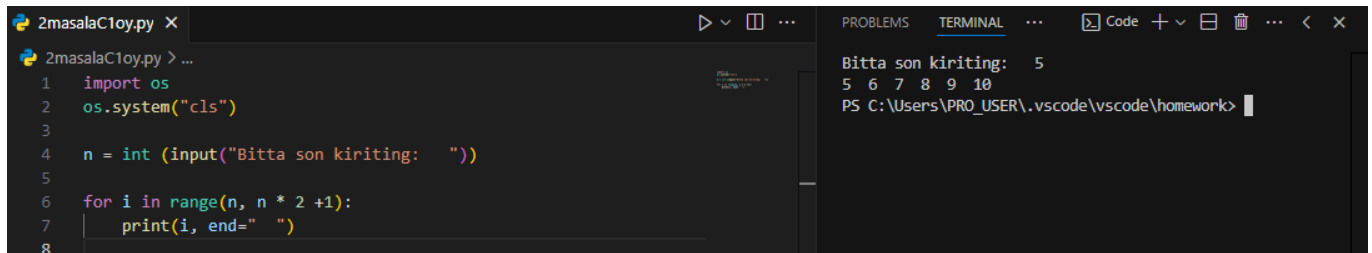
The screenshot shows a VS Code editor with a file named `1masalaC1oy.py`. The code is a Python script that calculates the sum of numbers from 40 to 180, but only for numbers divisible by 84. The terminal output shows the result is 252.

```
1masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 yig = 0
5 for i in range(40, 180 + 1):
6     if i % 84 == 0:
7         yig += i
8 print( "Yigindi: ", yig)
9
```

PROBLEMS TERMINAL ... Code + - - - - - < x

Yigindi: 252  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 2 – masala(C1oy)



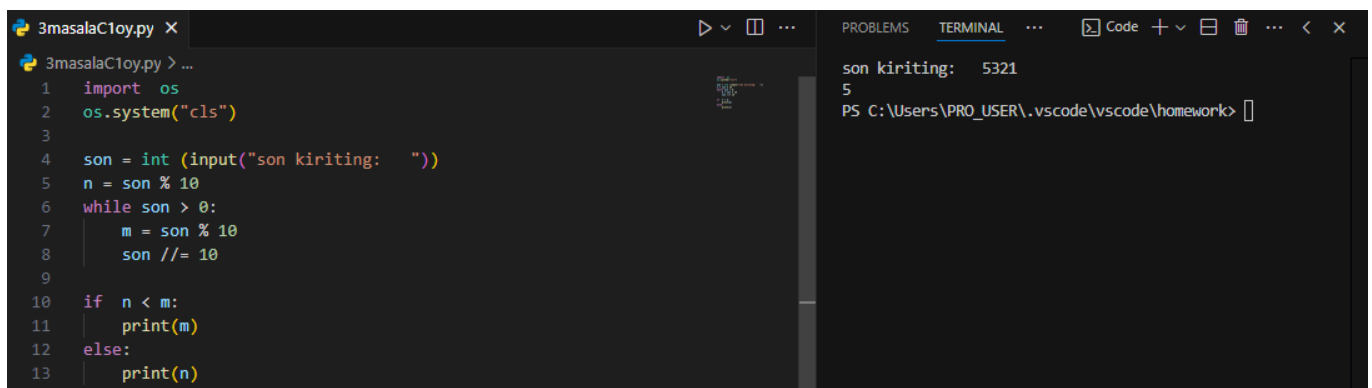
The screenshot shows a VS Code editor with a file named `2masalaC1oy.py`. The code is a Python script that takes an input number `n` and prints numbers from `n` to `n * 2 + 1`. The terminal output shows the input is 5 and the output is 5 6 7 8 9 10.

```
2masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 n = int (input("Bitta son kiriting: "))
5
6 for i in range(n, n * 2 + 1):
7     print(i, end=" ")
8
```

PROBLEMS TERMINAL ... Code + - - - - - < x

Bitta son kiriting: 5  
5 6 7 8 9 10  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 3 – masala(C1oy)



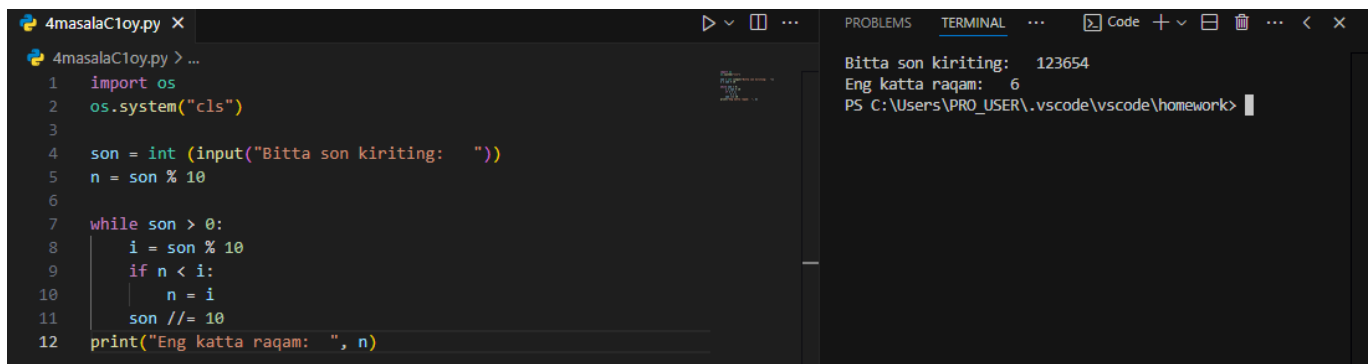
The screenshot shows a VS Code editor with a file named `3masalaC1oy.py`. The code is a Python script that takes an input number `son` and prints the remainder of `son` divided by 10. The terminal output shows the input is 5321 and the output is 1.

```
3masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 son = int (input("son kiriting: "))
5 n = son % 10
6 while son > 0:
7     m = son % 10
8     son //= 10
9
10 if n < m:
11     print(m)
12 else:
13     print(n)
14
```

PROBLEMS TERMINAL ... Code + - - - - - < x

son kiriting: 5321  
1  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 4 – masala(C1oy)



The screenshot shows a VS Code editor with a file named `4masalaC1oy.py`. The code is a Python script that takes an input number `son` and prints the remainder of `son` divided by 10. The terminal output shows the input is 123654 and the output is 4.

```
4masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 son = int (input("Bitta son kiriting: "))
5 n = son % 10
6
7 while son > 0:
8     i = son % 10
9     if n < i:
10         n = i
11     son //= 10
12 print("Eng katta raqam: ", n)
```

PROBLEMS TERMINAL ... Code + - - - - - < x

Bitta son kiriting: 123654  
Eng katta raqam: 4  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 5 – masala(C1oy)

```
5masalaC1oy.py X
5masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 son = int(input("son kiriting: "))
5 yig = 0
6
7 while son > 0:
8     i = son % 10
9     son //= 10
10    if i % 2 != 0:
11        print(i, end="")
12        son1 = son
13        yig += i
14        break
15
16 while son1 > 0:
17     i = son1 % 10
18     son1 //= 10
19     if i % 2 != 0:
20         print(" + ", i, end="")
21         yig += i
22
23
24 print(" = ", yig)
25
```

son kiriting: 1234567  
7 + 5 + 3 + 1 = 16  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 6 – masala(C1oy)

```
6masalaC1oy.py X
6masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 n = int(input("son kiriting: "))
5 j = 0
6 for i in range(1, n + 1):
7     if n % i == 0:
8         j += 1
9
10 if j == 2:
11     print("Tub son")
12 else:
13     print("Tub son emas")
```

son kiriting: 5  
Tub son  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 7 – masala(C1oy)

```
7masalaC1oy.py X
7masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 a = int(input("A: "))
5 b = int(input("B: "))
6 toq = 0; juft = 0
7
8 for i in range(a, b + 1):
9     if i % 2 == 0:
10        juft += i
11    else:
12        toq += i
13
14 print(f"Juft son yigindisi: {juft}\nToq sonlar yiginsi: {toq}")
```

A: 10  
B: 15  
Juft son yigindisi: 36  
Toq sonlar yiginsi: 39  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 8 – masala(C1oy)

```
8masalaC1oy.py X
8masalaC1oy.py > ...
1 import os
2 os.system("cls")
3
4 a = int(input("A: "))
5 b = int(input("B: "))
6
7 for i in range(a, b + 1, 1):
8     print(i ** 2, end=" ")
9
```

PROBLEMS TERMINAL ... Code + - - - - -

A: 2  
B: 6  
4 9 16 25 36  
PS C:\Users\PRO\_USER\.vscode\vscode\homework> |

## 1 – masala(char serya)

```
19masalaChar1.py X
19masalaChar1.py > ...
1 import os
2 os.system("cls")
3
4 text = input("matn: ")
5 matn = ""
6
7 for i in range(len(text)):
8     if text[i] == 'a' or text[i] == 'A':
9         matn += 'b'
10    elif text[i] == 'b' or text[i] == 'B':
11        matn += 'a'
12    else:
13        matn += text[i]
14 print(matn)
15
```

PROBLEMS TERMINAL ... Code + - - - - -

matn: Baraban  
abrbabn  
PS C:\Users\PRO\_USER\.vscode\vscode\homework> |

## 2 – masala(char serya)

```
10masalachar2.py X
10masalachar2.py > ...
1 import os
2 os.system("cls")
3
4 matn = input("matn: ")
5 son = 0
6 for i in matn:
7     if (i.isalpha()):
8         son += 1
9 print(son, " ta harf bor")
```

PROBLEMS TERMINAL ... Code + - - - - -

matn: foundation XN1 27 avgust  
18 ta harf bor  
PS C:\Users\PRO\_USER\.vscode\vscode\homework> |

## 3 – masala(char serya)

```
11masalaChar3.py X
11masalaChar3.py > ...
1 import os
2 os.system("cls")
3
4 matn = input("matn: ")
5 son = 0
6 for i in matn:
7     if (i.isdigit()):
8         son += 1
9 print(son, " ta raqam bor")
```

PROBLEMS TERMINAL ... Code + - - - - -

matn: foundation XN1 27 avgust soat 10.00  
7 ta raqam bor  
PS C:\Users\PRO\_USER\.vscode\vscode\homework> |

## 4 – masala(char serya)

```
12masalaChar4.py X
12masalaChar4.py > ...
1 import os
2 os.system("cls")
3
4 text = input("matn: ")
5 a = 0 ; e = 0 ; i = 0 ; u = 0 ; o = 0
6 for j in text:
7     if j == 'a' or j == 'A':
8         a += 1
9     elif j == 'e' or j == 'E':
10        e += 1
11    elif j == 'i' or j == 'I':
12        i += 1
13    elif j == 'u' or j == 'U':
14        u += 1
15    elif j == 'o' or j == 'O':
16        o += 1
17
18 if a != 0:
19     print(f"A harfi: {a} ta")
20 if e != 0:
21     print(f"E harfi: {e} ta")
22 if u != 0:
23     print(f"U harfi: {u} ta")
24 if i != 0:
25     print(f"I harfi: {i} ta")
26 if o != 0:
27     print(f"O harfi: {o} ta")
28
```

matn: SalomFoundation29  
A harfi: 2 ta  
U harfi: 1 ta  
I harfi: 1 ta  
O harfi: 3 ta  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 5 – masala(char serya)

```
13masalaChar5.py X
13masalaChar5.py > ...
1 import os
2 os.system("cls")
3
4 matn = input("matn: ")
5
6 space = 0
7
8 for i in matn:
9     if (i.isspace()):
10        space += 1
11
12 print("space soni : ", space)
13
```

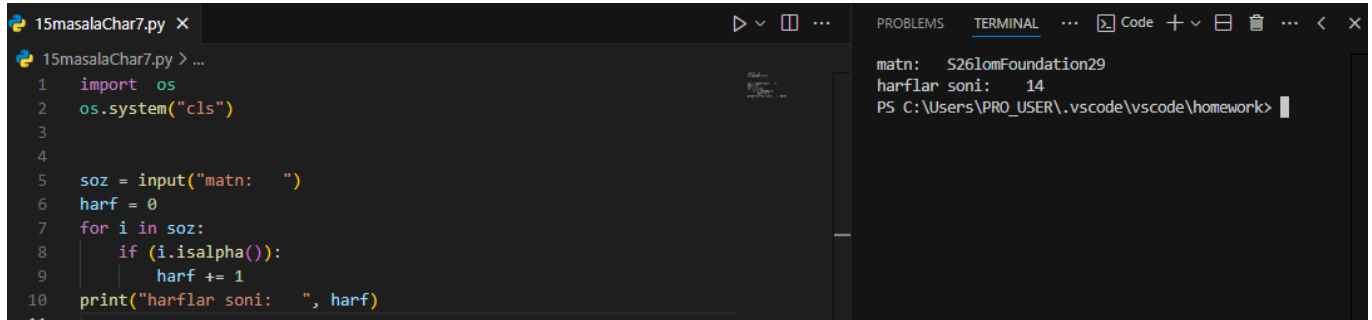
matn: barcha probellar sonini toping.  
space soni : 4  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 6 – masala(char serya)

```
14masalaChar6.py X
14masalaChar6.py > ...
1 import os
2 os.system("cls")
3
4 matn = input("matn: ")
5 son = 0
6 for i in matn:
7     if (i.isalnum()):
8         son += 1
9
10 print("harflar va raqamlar soni: ", son)
```

matn: SalomFoundation29  
harflar va raqamlar soni: 17  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 7 – masala(char serya)

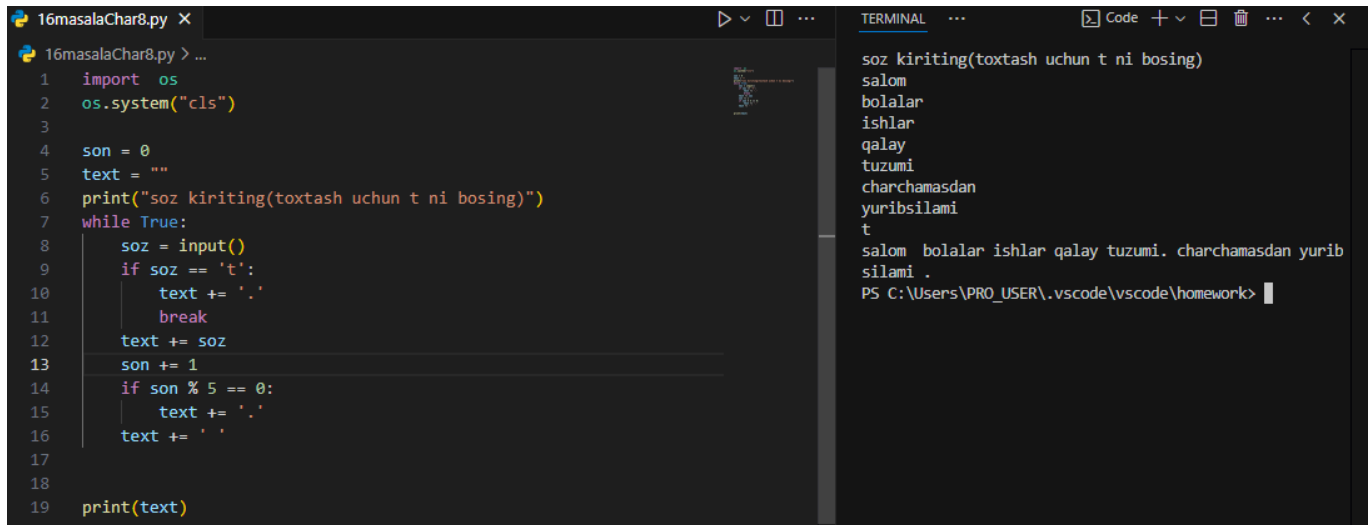


The screenshot shows a VS Code editor with a file named `15masalaChar7.py`. The code is a Python script that takes a string input and counts the number of letters. The terminal shows the execution of the script with the input `S26lomFoundation29` and the output `harflar soni: 14`.

```
15masalaChar7.py > ...
1 import os
2 os.system("cls")
3
4
5 soz = input("matn: ")
6 harf = 0
7 for i in soz:
8     if (i.isalpha()):
9         harf += 1
10 print("harflar soni: ", harf)
```

matn: S26lomFoundation29  
harflar soni: 14  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 8 – masala(char serya)

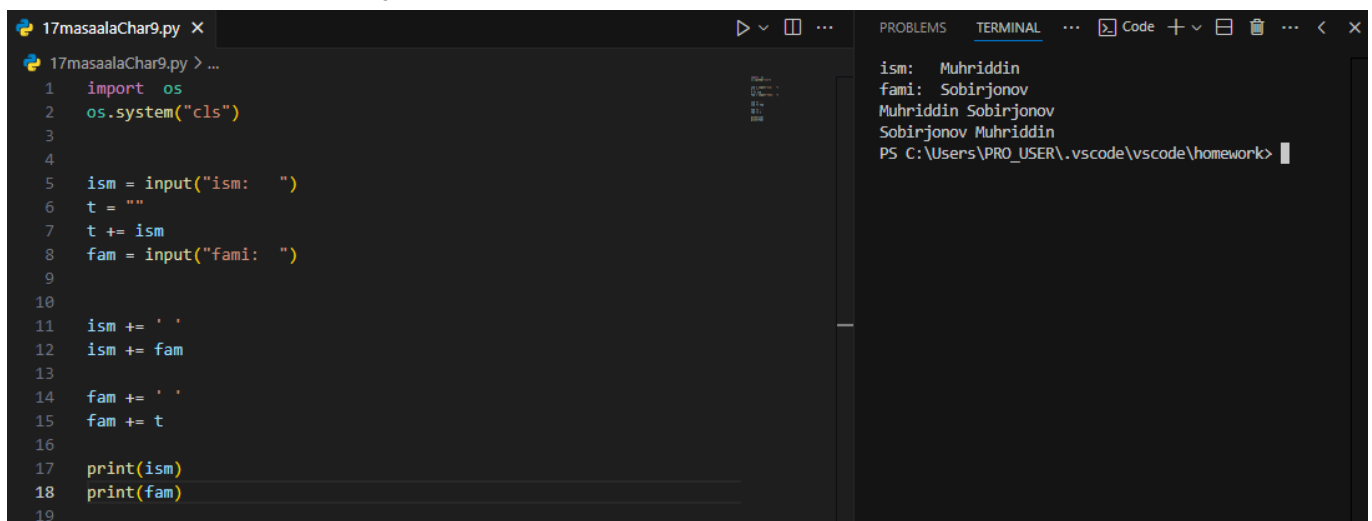


The screenshot shows a VS Code editor with a file named `16masalaChar8.py`. The code is a Python script that takes a string input and prints it with a space after each character. The terminal shows the execution of the script with the input `salom bolalar ishlari qalay tuzumi. charchamasdan yurib silami` and the output `salom bolalar ishlari qalay tuzumi. charchamasdan yurib silami .`.

```
16masalaChar8.py > ...
1 import os
2 os.system("cls")
3
4 son = 0
5 text = ""
6 print("soz kiriting(toxtash uchun t ni bosing)")
7 while True:
8     soz = input()
9     if soz == 't':
10         text += '.'
11         break
12     text += soz
13     son += 1
14     if son % 5 == 0:
15         text += '.'
16         text += ' '
17
18
19 print(text)
```

soz kiriting(toxtash uchun t ni bosing)  
salom  
bolalar  
ishlari  
qalay  
tuzumi  
charchamasdan  
yurib silami  
t  
salom bolalar ishlari qalay tuzumi. charchamasdan yurib silami .  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 9 – masala(char serya)

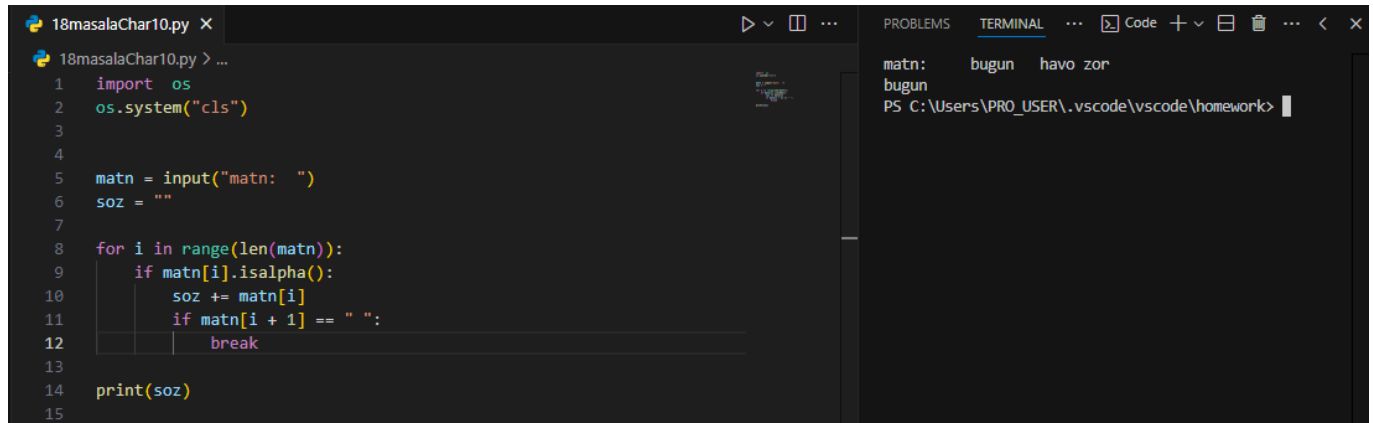


The screenshot shows a VS Code editor with a file named `17masalaChar9.py`. The code is a Python script that takes a string input and prints it with a space after each character. The terminal shows the execution of the script with the input `Muhammad Sobirjonov` and the output `Muhammad Sobirjonov`.

```
17masalaChar9.py > ...
1 import os
2 os.system("cls")
3
4
5 ism = input("ism: ")
6 t = ""
7 t += ism
8 fam = input("fami: ")
9
10
11 ism += ' '
12 ism += fam
13
14 fam += ' '
15 fam += t
16
17 print(ism)
18 print(fam)
```

ism: Muhammad  
fami: Sobirjonov  
Muhammad Sobirjonov  
Sobirjonov Muhammad  
PS C:\Users\PRO\_USER\.vscode\vscode\homework>

## 10 – masala(char serya)



The image shows a Visual Studio Code window with a Python file named `18masalaChar10.py` and a terminal window. The Python code is as follows:

```
1 import os
2 os.system("cls")
3
4
5 matn = input("matn: ")
6 soz = ""
7
8 for i in range(len(matn)):
9     if matn[i].isalpha():
10         soz += matn[i]
11         if matn[i + 1] == " ":
12             break
13
14 print(soz)
```

The terminal window shows the output of the script:

```
matn:   bugun   havo zor
bugun
PS C:\Users\PRO_USER\.vscode\vscode\homework>
```

