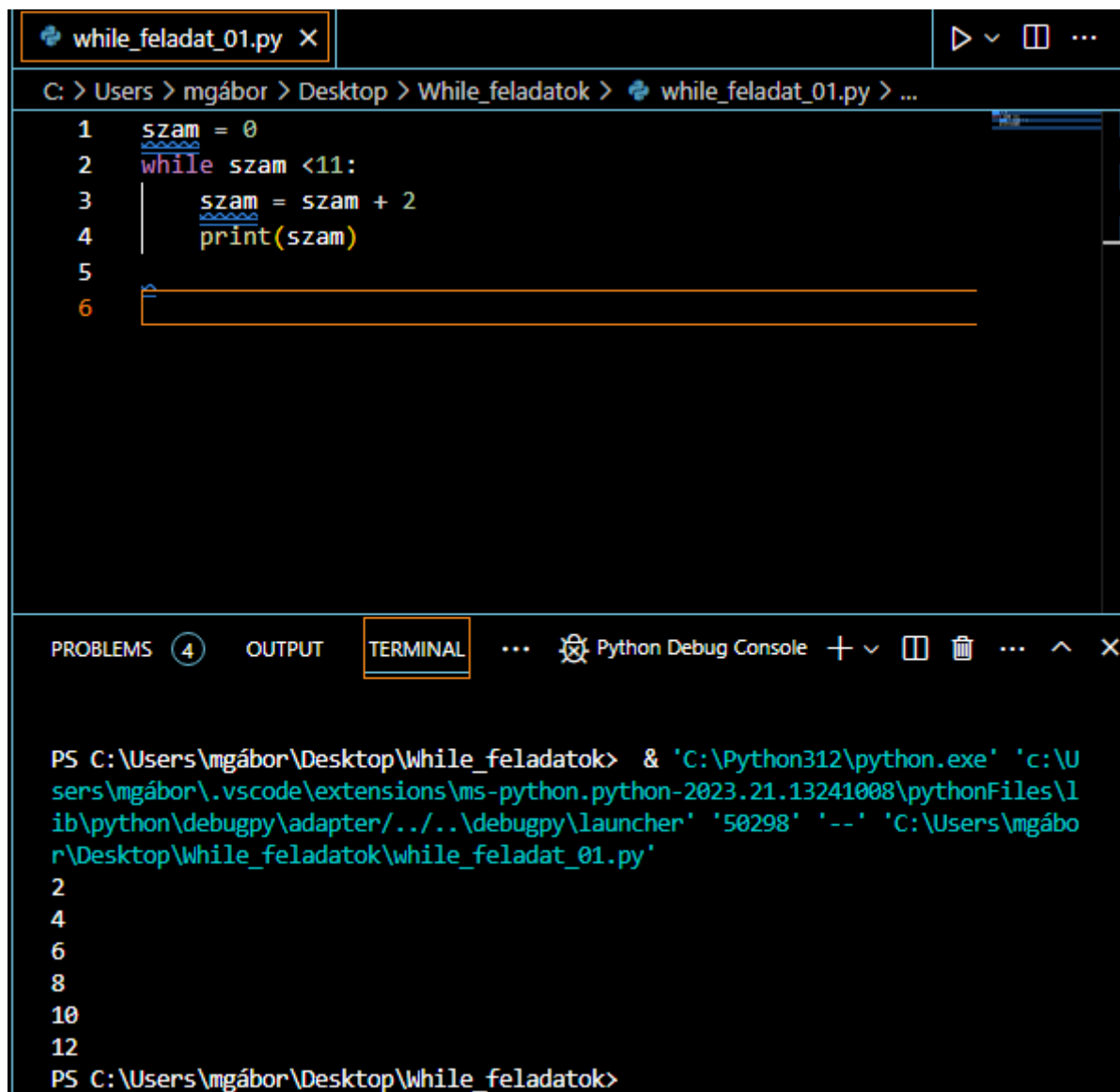


While ciklusok 1. feladat:



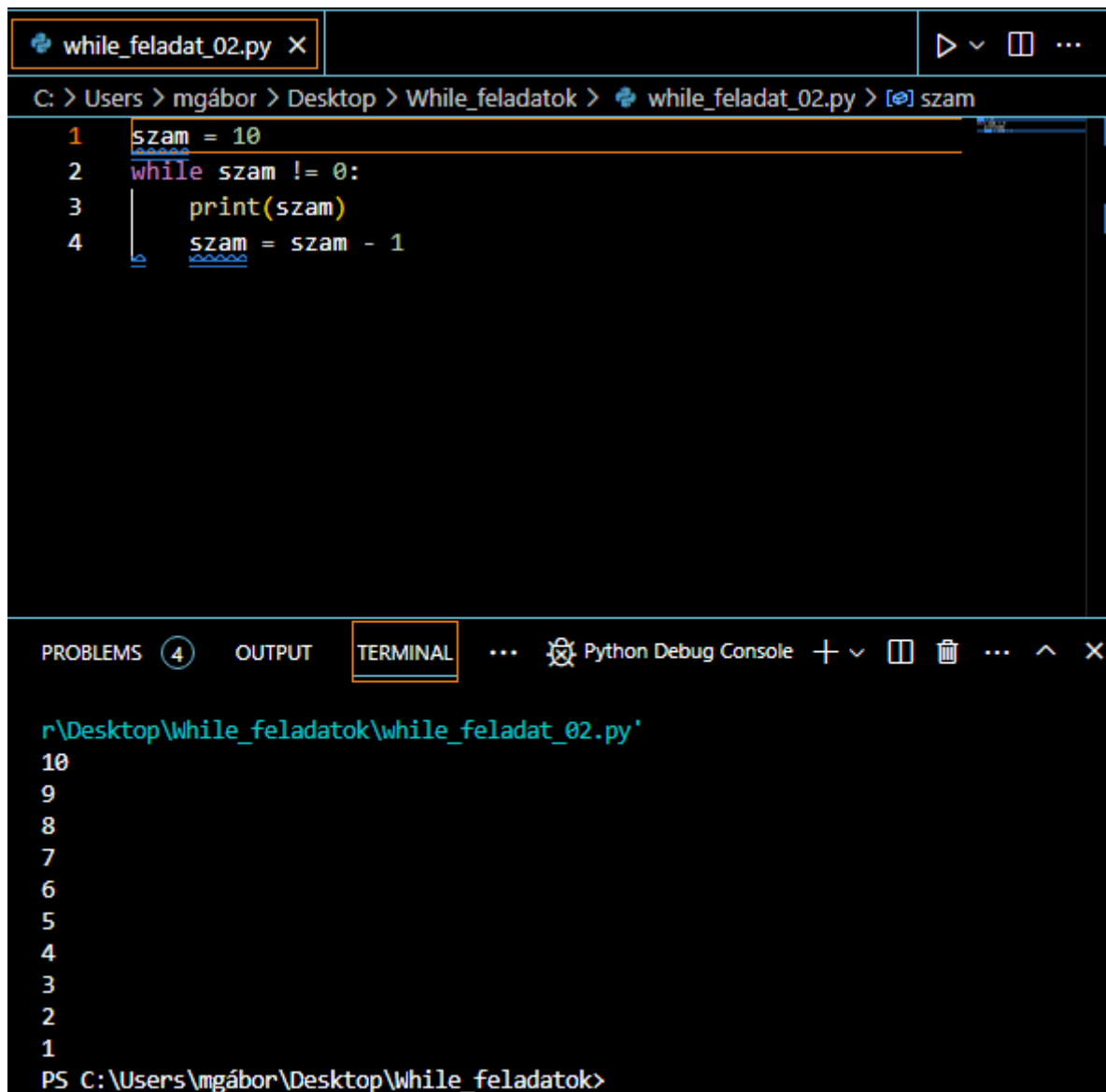
The image shows a Visual Studio Code window with a Python file named `while_feladat_01.py` open. The file contains a `while` loop that increments a variable `szam` by 2 until it reaches 11, printing the value at each step. Below the editor, the `TERMINAL` tab is active, showing the command used to run the script and the resulting output.

```
1  szam = 0
2  while szam < 11:
3      szam = szam + 2
4      print(szam)
5
6
```

PROBLEMS (4) OUTPUT **TERMINAL** ... Python Debug Console + - □ □ ... ^ X

```
PS C:\Users\mgábor\Desktop\While_feladatok> & 'C:\Python312\python.exe' 'c:\Users\mgábor\.vscode\extensions\ms-python.python-2023.21.13241008\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50298' '--' 'C:\Users\mgábor\Desktop\While_feladatok\while_feladat_01.py'
2
4
6
8
10
12
PS C:\Users\mgábor\Desktop\While_feladatok>
```

While ciklusok 2. feladat:



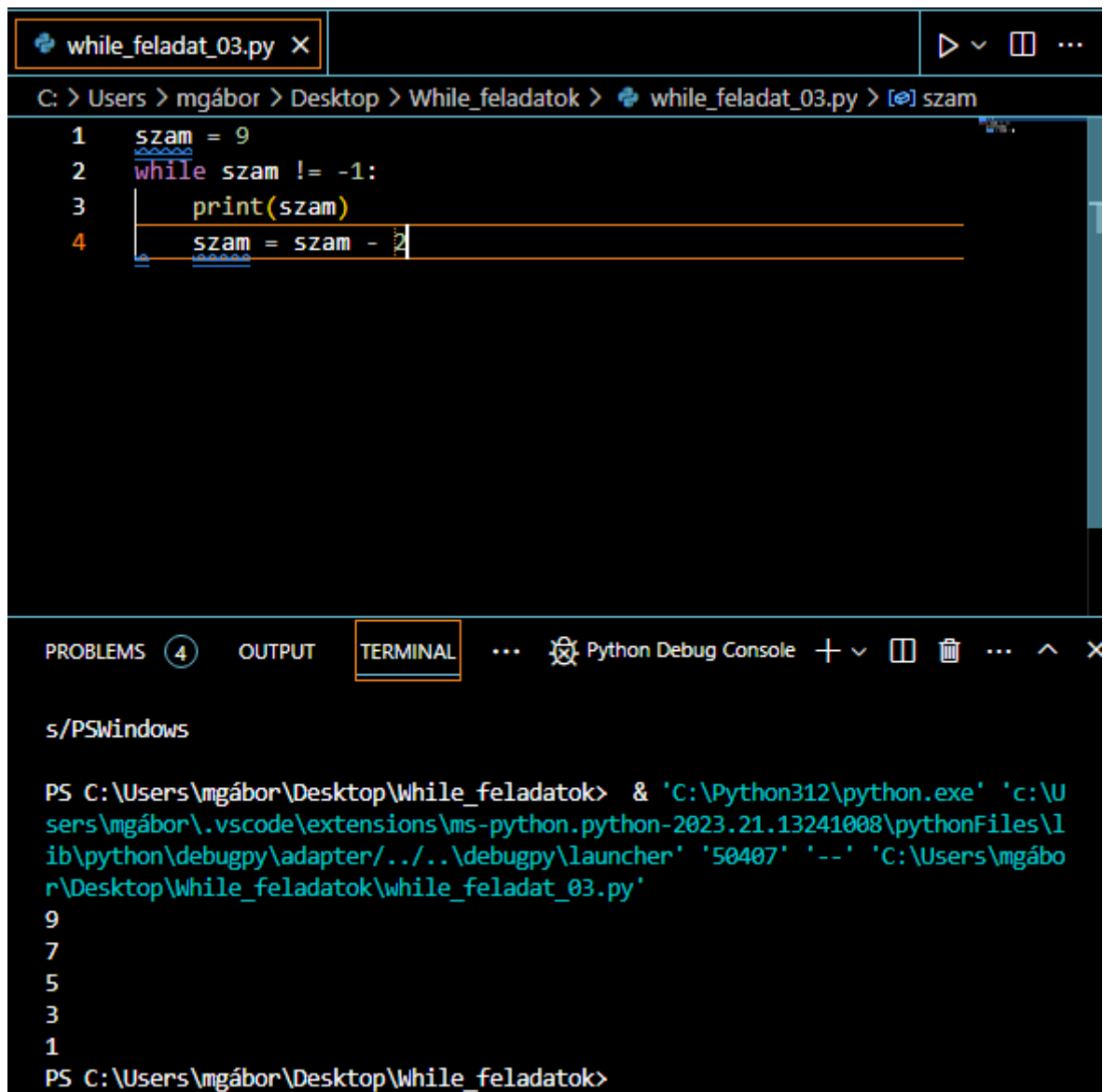
The screenshot shows a Python IDE with a file named `while_feladat_02.py`. The code in the editor is as follows:

```
1 szam = 10
2 while szam != 0:
3     print(szam)
4     szam = szam - 1
```

The IDE's interface includes a toolbar with a play button, a dropdown arrow, a window icon, and a menu icon. The breadcrumb path is `C: > Users > mgábor > Desktop > While_feladatok > while_feladat_02.py > [?] szam`. The bottom panel shows the `TERMINAL` tab selected, displaying the output of the program:

```
r\Desktop\While_feladatok\while_feladat_02.py'
10
9
8
7
6
5
4
3
2
1
PS C:\Users\mgábor\Desktop\While_feladatok>
```

While ciklusok 3. feladat:



The image shows a Visual Studio Code editor window with a Python file named `while_feladat_03.py`. The code is as follows:

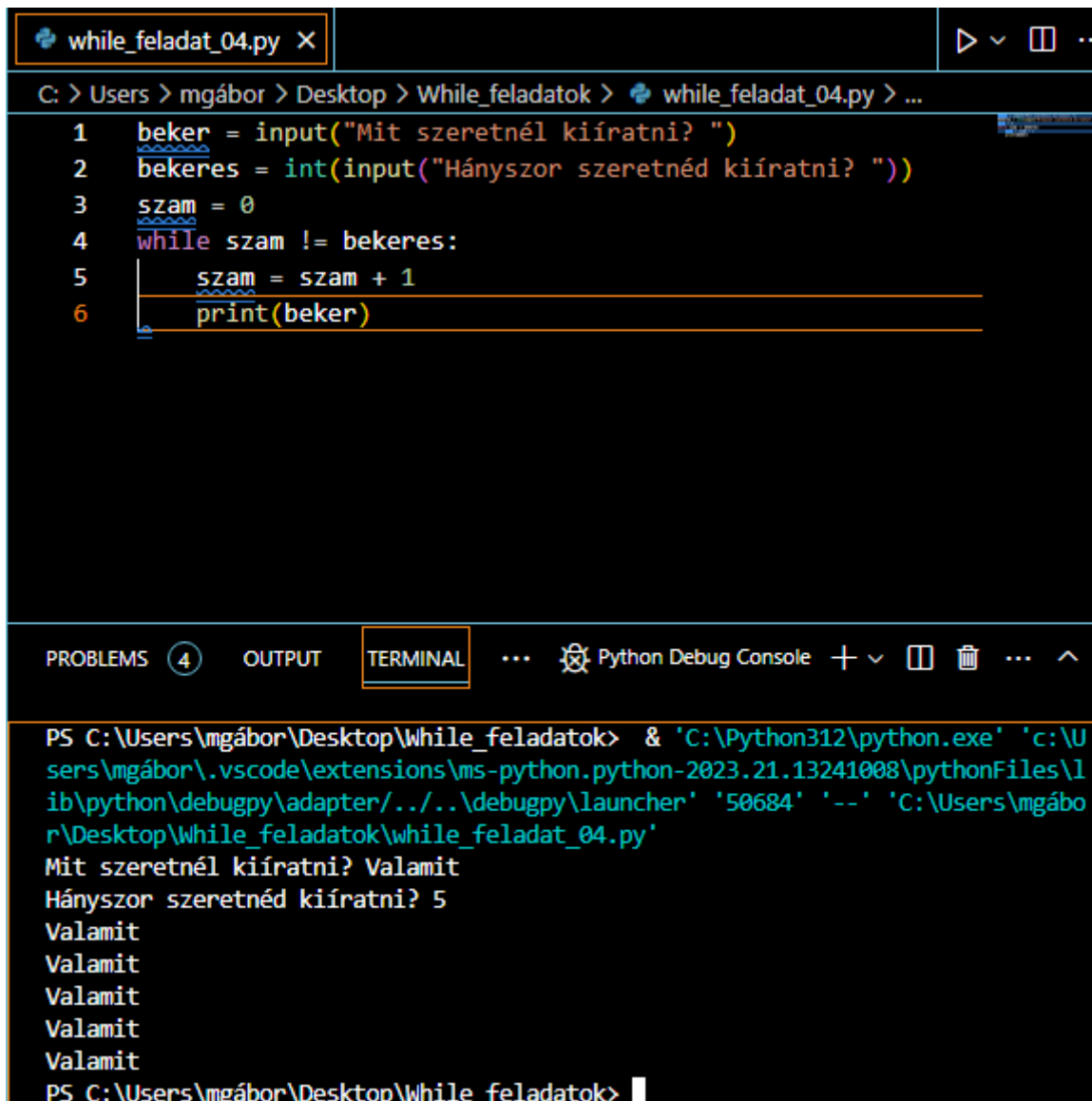
```
1  szam = 9
2  while szam != -1:
3      print(szam)
4      szam = szam - 2
```

The terminal output shows the execution of the script, displaying the values 9, 7, 5, 3, and 1 on separate lines. The terminal path is `C:\Users\mgabor\Desktop\While_feladatok`.

```
s/PSWindows

PS C:\Users\mgabor\Desktop\While_feladatok> & 'C:\Python312\python.exe' 'c:\Users\mgabor\.vscode\extensions\ms-python.python-2023.21.13241008\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50407' '--' 'C:\Users\mgabor\Desktop\While_feladatok\while_feladat_03.py'
9
7
5
3
1
PS C:\Users\mgabor\Desktop\While_feladatok>
```

While ciklusok 4. feladat:



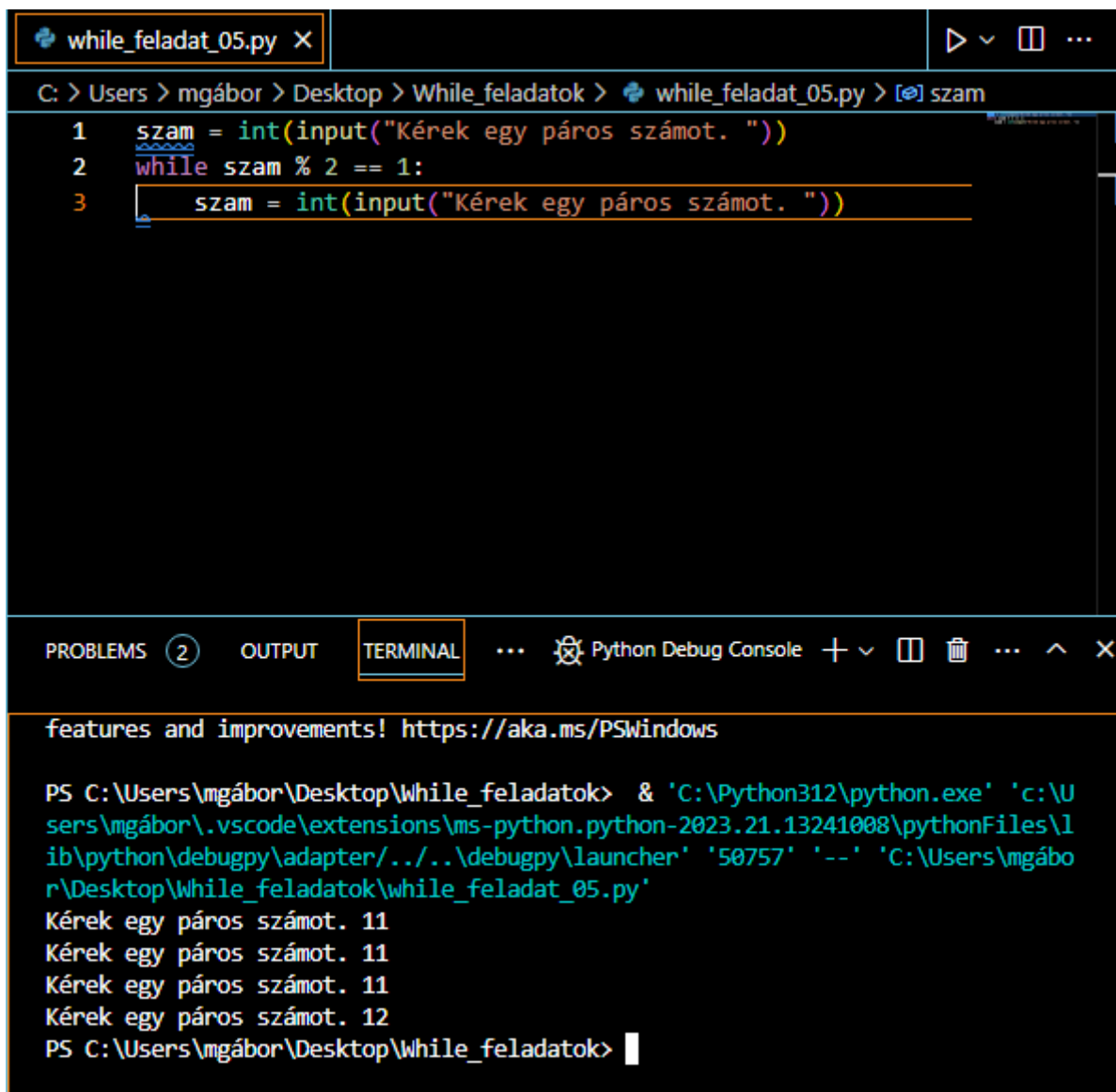
The image shows a Visual Studio Code editor window with a Python file named `while_feladat_04.py`. The code is as follows:

```
1 beker = input("Mit szeretnél kiíratni? ")
2 bekeres = int(input("Hányszor szeretnéd kiíratni? "))
3 szam = 0
4 while szam != bekeres:
5     szam = szam + 1
6     print(beker)
```

Below the editor, the **TERMINAL** tab is active, showing the command prompt output:

```
PS C:\Users\mgábor\Desktop\While_feladatok> & 'C:\Python312\python.exe' 'c:\Users\mgábor\.vscode\extensions\ms-python.python-2023.21.13241008\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50684' '--' 'C:\Users\mgábor\Desktop\While_feladatok\while_feladat_04.py'
Mit szeretnél kiíratni? Valamit
Hányszor szeretnéd kiíratni? 5
Valamit
Valamit
Valamit
Valamit
Valamit
PS C:\Users\mgábor\Desktop\While_feladatok>
```

While ciklusok 5. feladat:



The image shows a Visual Studio Code window with a Python file named `while_feladat_05.py` open. The file contains a `while` loop that repeatedly asks the user for an even number. The terminal output shows the program running and the user entering the numbers 11, 11, 11, and 12. The program terminates after the fourth input.

```
while_feladat_05.py X
```

C: > Users > mgábor > Desktop > While_feladatok > while_feladat_05.py > [?] szam

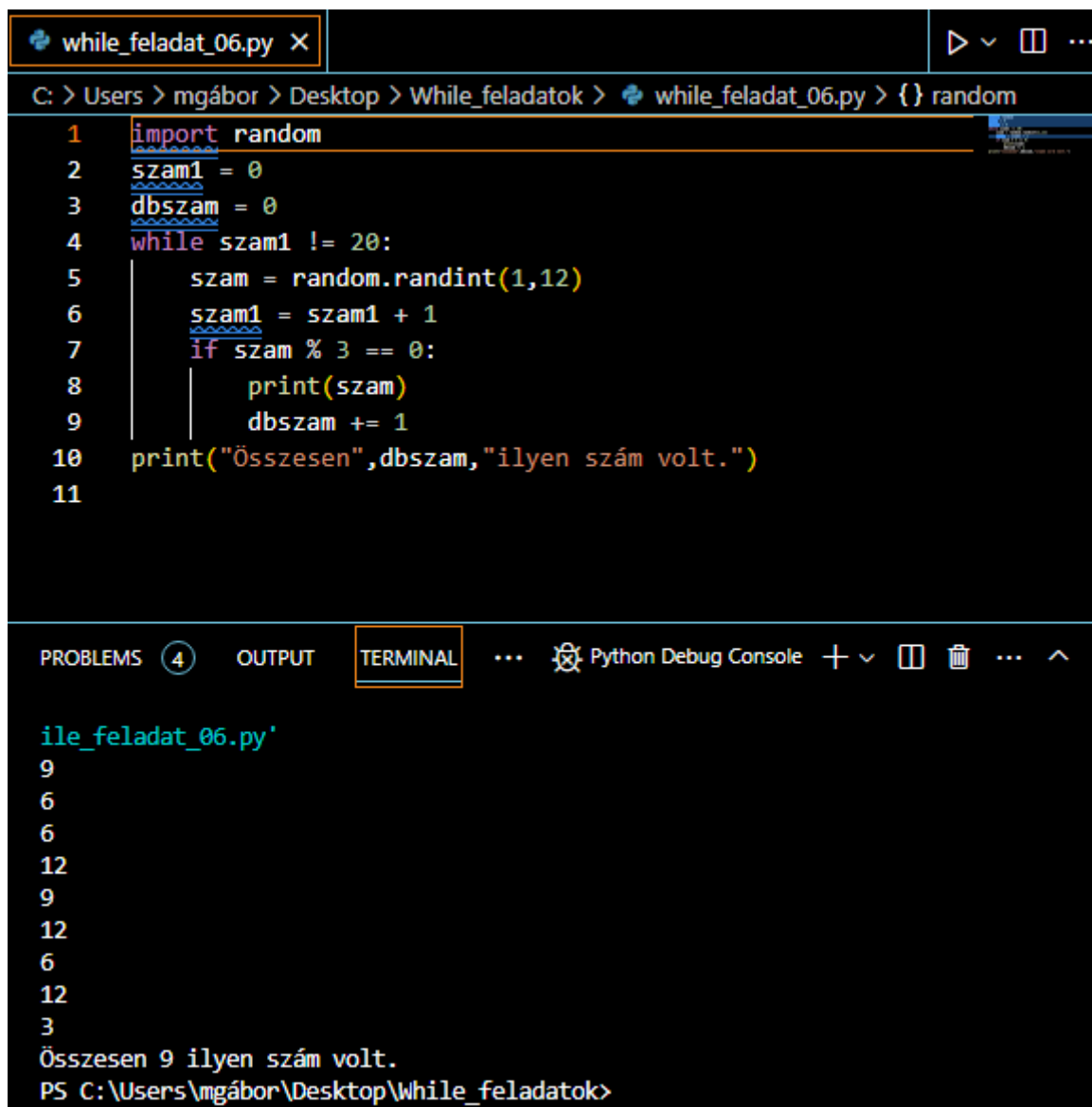
```
1  szam = int(input("Kérek egy páros számot. "))
2  while szam % 2 == 1:
3      szam = int(input("Kérek egy páros számot. "))
```

PROBLEMS (2) OUTPUT **TERMINAL** ... Python Debug Console + - [] [X] ... ^ X

features and improvements! <https://aka.ms/PSWindows>

```
PS C:\Users\mgábor\Desktop\While_feladatok> & 'C:\Python312\python.exe' 'c:\Users\mgábor\.vscode\extensions\ms-python.python-2023.21.13241008\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50757' '--' 'C:\Users\mgábor\Desktop\While_feladatok\while_feladat_05.py'
Kérek egy páros számot. 11
Kérek egy páros számot. 11
Kérek egy páros számot. 11
Kérek egy páros számot. 12
PS C:\Users\mgábor\Desktop\While_feladatok>
```

While ciklusok 6. feladat:



The image shows a Python IDE window with a file named `while_feladat_06.py`. The code is as follows:

```
1 import random
2 szam1 = 0
3 dbszam = 0
4 while szam1 != 20:
5     szam = random.randint(1,12)
6     szam1 = szam1 + 1
7     if szam % 3 == 0:
8         print(szam)
9         dbszam += 1
10 print("Összesen",dbszam,"ilyen szám volt.")
11
```

The IDE interface includes a toolbar with a play button, a dropdown arrow, a window icon, and a menu icon. The path bar shows `C: > Users > mgábor > Desktop > While_feladatok > while_feladat_06.py > {} random`. Below the code editor, there are tabs for **PROBLEMS** (4), **OUTPUT**, and **TERMINAL** (which is active). The **TERMINAL** tab shows the output of the program:

```
ile_feladat_06.py'
9
6
6
12
9
12
6
12
3
Összesen 9 ilyen szám volt.
PS C:\Users\mgábor\Desktop\While_feladatok>
```