



A screenshot of a Python IDE window titled "ki.py - C:/Users/tamil/AppData/Local/Programs/Python/Python313/ki.py (3.13.7)". The window has a menu bar with "File", "Edit", "Format", "Run", "Options", "Window", and "Help". The code editor contains the following Python code:

```
rows=3
col=5
for i in range(rows):
    for j in range(col):
        print(" ",end=" ")
    print()
```

The code defines two variables, `rows=3` and `col=5`. It then uses two nested `for` loops. The outer loop iterates over `rows` (0 to 2), and the inner loop iterates over `col` (0 to 4). Inside the inner loop, a space character is printed without a newline. After the inner loop completes for each row, a newline character is printed by calling `print()` without arguments.

```
num=[10,20,30]
x=20
if x in num:
    print("element exist")
else:
    print("no")
```



IDLE Shell 3.13.7

File	Edit	Shell	Debug	Options	Wi
Python 3.13.7 (tags/v3.13.0:amd64) on win32					
Enter "help" below or cli					
>>>	==== RESTART: C:/Users/t				
	element exist				
>>>					

```
num=[10,20,30]
sum=0
for i in num:
    sum+=i
    print(sum)
```



IDLE Shell 3.13.7

File Edit Shell De

Python 3.13.
AMD64)] on w
Enter "help"

>>>

=====
l/AppData/Lo
=====

10
30
60

>>>

|

```
n=4
for i in range(1,n+1):
    for j in range(1,i+1):
        print(j,end= " ")
    print()
```



IDLE Shell 3.13.7

File Edit Shell Debug Op

Python 3.13.7 (tag
AMD64) on win32
Enter "help" below

>>>

===== RESTART: C:/

1

1 2

1 2 3

1 2 3 4

>>>

|

File Edit Format Run Options Window Help

```
n=4
for i in range(n,0,-1):
    for j in range(i):
        print(i,end=" ")
    print()
```

 IDLE Shell 3.13.7

File Edit Shell Debug Options

Python 3.13.7 (tags/v: AMD64)] on win32
Enter "help" below or

>>>

==== RESTART: C:/Use

4 4 4 4

3 3 3

2 2

1

>>>

|

file edit format run options window help

```
n=4
for i in range(1,n+1):
    for j in range(i):
        print(i,end=" ")
    print()
```

 IDLE Shell 3.13.7

File Edit Shell Debug Options

Python 3.13.7 (tags/v3.13.7:100e24f, May 7, 2024) on win32
Enter "help" below or

>>>

==== RESTART: C:/Users/...

1

2 2

3 3 3

4 4 4 4

>>>

```
n=4
for i in range(n, 0, -1):
    print(" "* (n-i), end=" ")
    for j in range(i):
        print("*", end=" ")
    print()
```



IDLE Shell 3.13.7

File Edit Shell Debug Options W

Python 3.13.7 (tags/v3.13.3:24437f8, May 9 2024, 0:00:00) on win32

Enter "help" below or cli

>>>

===== RESTART: C:/Users/t

* * * *

* * *

* *

*

>>>

|

```
n=4
for i in range(n,0,-1):
    print(" "* (n-i),end=" ")
    for j in range(i):
        print("*",end=" ")
    print()
```



IDLE Shell 3.13.7

File Edit Shell Debug Options Win

Python 3.13.7 (tags/v3.13.
AMD64)] on win32

Enter "help" below or clic

>>>

==== RESTART: C:/Users/ta

 * * * *

 * * *

 * *

 *

>>> inverted left


```
n=4
for i in range(1,n+1):
    print(" "* (n-i),end=" ")
    for j in range(i):
        print("*",end=" ")
    print()
```



IDLE Shell 3.13.7

File Edit Shell Debug

Python 3.13.7 (t
AMD64)] on win32
Enter "help" bel

>>>

==== RESTART: (

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>>>

File Edit Format Run Options Window Help

```
n=4
for i in range(1,n+1):
    print("  "*(n-i),end=" ")
    for j in range(i):
        print("*",end=" ")
    print()
```

 *IDLE Shell 3.13.7*

File Edit Shell Debug Options

Python 3.13.7 (tags/v3.13.0:10e3839, May 6 2024, [AMD64]) on win32
Enter "help" below or c

>>>

```
===== RESTART: C:/Users/
          *
          * *
          * * *
          * * * *
```

>>>

```
===== RESTART: C:/Users/
          *
          * *
          * * *
          * * * *
```

>>> left |

```
n=8
for i in range(n,0,-1):
    for j in range(i):
        print("*",end=" ")
    print()
```



IDLE Shell 3.13.7

File Edit Shell Debug Options Window

Python 3.13.7 (tags/v3.13.7:bc
AMD64)] on win32

Enter "help" below or click "H

>>>

===== RESTART: C:/Users/tamil/

* * * * *

* * * * *

* * * * *

* * * * *

* * * *

* * *

* *

*

>>>

===== RESTART: C:/Users/tamil/

```
n=4
for i in range(1,n+1):
    for j in range(i):
        print("*",end=" ")
    print()
```



IDLE Shell 3.13.7

File Edit Shell Debug Op

Python 3.13.7 (tag
AMD64) on win32
Enter "help" below

>>>

===== RESTART: C:/

*

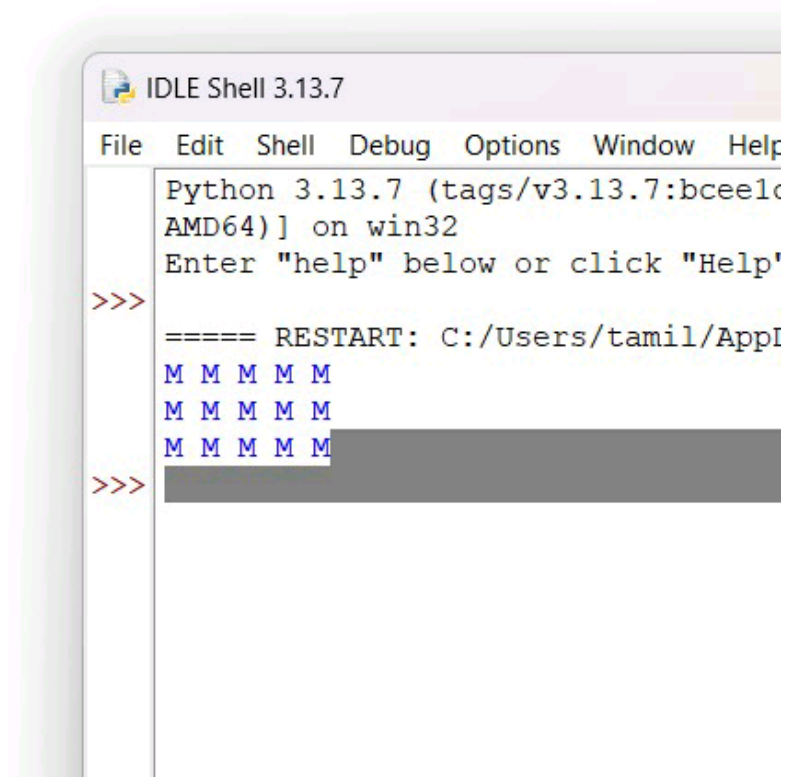
* *

* * *

* * * *

>>>

```
a=3
b=5
for i in range(a):
    for j in range(b):
        print("M",end = " ")
    print()
```

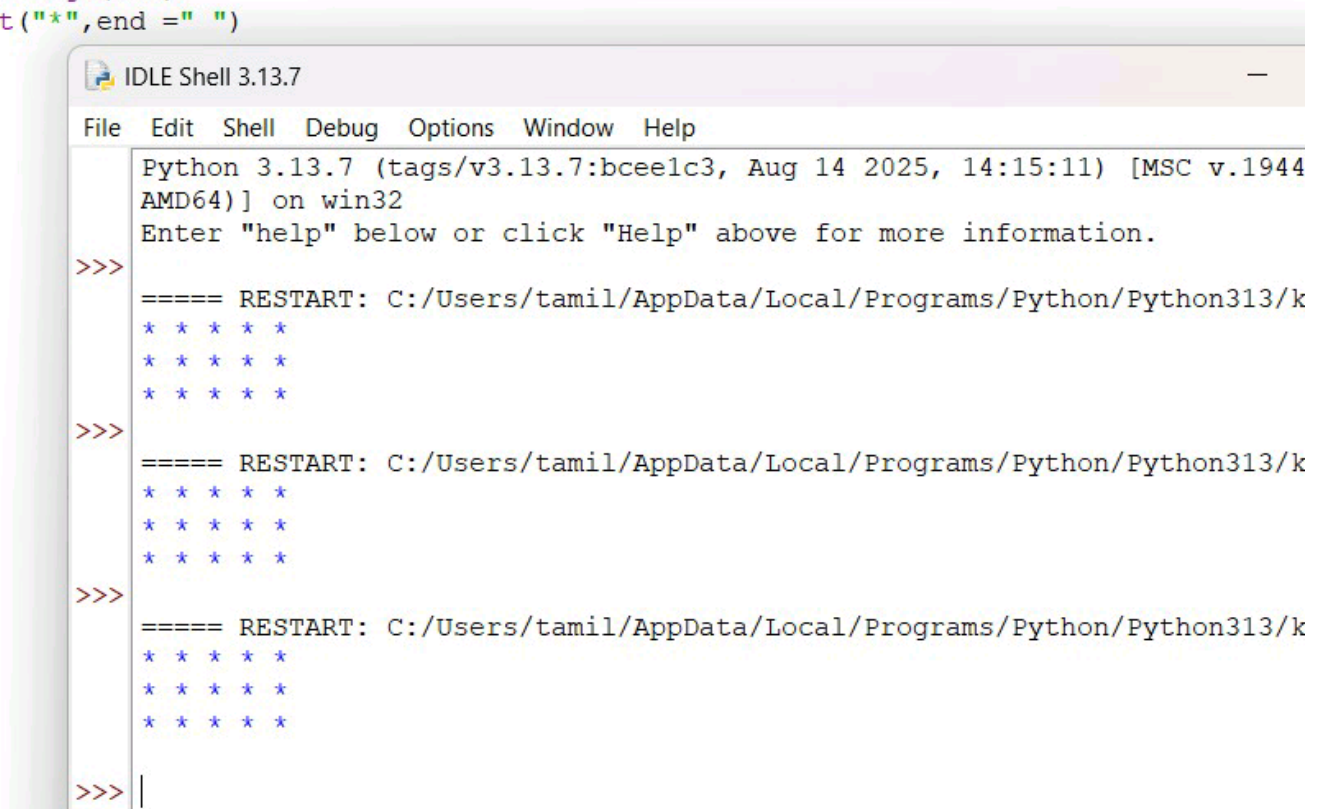


The screenshot shows the IDLE Shell 3.13.7 window. The menu bar includes File, Edit, Shell, Debug, Options, Window, and Help. The shell displays the following text:

```
Python 3.13.7 (tags/v3.13.7:bceelc
AMD64) on win32
Enter "help" below or click "Help'
>>>
===== RESTART: C:/Users/tamil/AppI
M M M M M
M M M M M
M M M M M
>>>
```

The output shows a 3x5 grid of 'M' characters, with the last line being partially obscured by a grey bar.

```
rows=3
col=5
for i in range(rows):
    for j in range(col):
        print("*",end =" ")
    print()
```



The screenshot shows an IDLE Shell window titled "IDLE Shell 3.13.7". The window has a menu bar with "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area displays the output of a Python program. It starts with the Python version and build information: "Python 3.13.7 (tags/v3.13.7:bceelc3, Aug 14 2025, 14:15:11) [MSC v.1944 AMD64] on win32". Below this, it says "Enter 'help' below or click 'Help' above for more information." The program's output is a 3x5 grid of asterisks, printed in three separate blocks, each preceded by a "RESTART:" message. The first block is preceded by ">>>", the second by ">>>", and the third by ">>>". The final line shows ">>>|" indicating the prompt is ready for input.

```
IDLE Shell 3.13.7
File Edit Shell Debug Options Window Help
Python 3.13.7 (tags/v3.13.7:bceelc3, Aug 14 2025, 14:15:11) [MSC v.1944
AMD64] on win32
Enter "help" below or click "Help" above for more information.
>>>
===== RESTART: C:/Users/tamil/AppData/Local/Programs/Python/Python313/k
* * * * *
* * * * *
* * * * *
>>>
===== RESTART: C:/Users/tamil/AppData/Local/Programs/Python/Python313/k
* * * * *
* * * * *
* * * * *
>>>
===== RESTART: C:/Users/tamil/AppData/Local/Programs/Python/Python313/k
* * * * *
* * * * *
* * * * *
>>>|
```