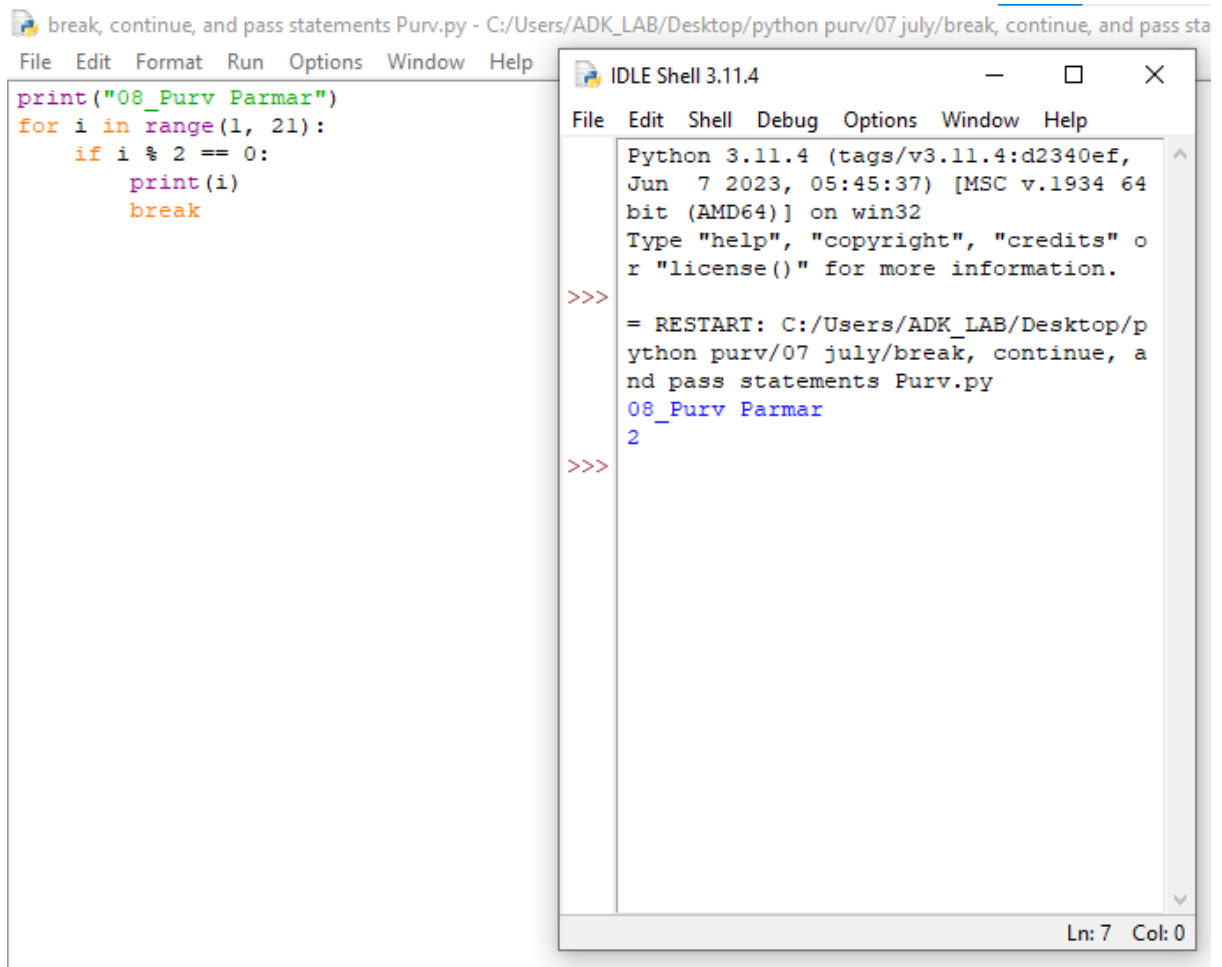


- 1. Program to print the first 10 even numbers using break statement**
- 2. Program to print the first 10 multiples of 5 using continue statement**
- 3. Program to print odd numbers from 1 to 10 using pass statement**
- 4. Program to print the letters of a string using break statement**
- 5. Program to print the letters of a string using continue statement**
- 6. Program to print the first 10 even numbers using break, continue, and pass statements**
- 7. Program to print the letters of a string using break, continue, and pass statements**
- 8. Program to print the first 10 even numbers using a nested loop and break statement**
- 9. Program to print the first 10 multiples of 5 using a nested loop and continue statement**
- 10. Program to print odd numbers from 1 to 10 using a nested loop and pass statement**
- 11. Program to print the letters of a string using a nested loop and break statement**
- 12. Program to print the letters of a string using a nested loop and continue statement**



The image shows a Python IDE window titled "break, continue, and pass statements Purv.py" with the following code:

```
print("08_Purv Parmar")
for i in range(1, 21):
    if i % 2 == 0:
        print(i)
        break
```

Overlaid on this is an "IDLE Shell 3.11.4" window showing the execution output:

```
Python 3.11.4 (tags/v3.11.4:d2340ef,
Jun 7 2023, 05:45:37) [MSC v.1934 64
bit (AMD64)] on win32
Type "help", "copyright", "credits" o
r "license()" for more information.

>>>
= RESTART: C:/Users/ADK_LAB/Desktop/p
ython purv/07 july/break, continue, a
nd pass statements Purv.py
08_Purv Parmar
2
>>>
```

The status bar at the bottom of the shell window indicates "Ln: 7 Col: 0".

break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv

File Edit Format Run Options Window Help

```
print("08_Purv Parmar")
#for i in range(1, 21):
#    if i % 2 == 0:
#        print(i)
#        break

i = 1
while i <= 10:
    if i % 5 != 0:
        i += 1
        continue
    print(i)
    i += 1
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py
08_Purv Parmar
5
10
>>>
```

Ln: 8 Col: 0

break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements

File Edit Format Run Options Window Help

```
print("08_Purv Parmar")
#for i in range(1, 21):
#    if i % 2 == 0:
#        print(i)
#        break

#i = 1
#while i <= 10:
#    if i % 5 != 0:
#        i += 1
#        continue
#    print(i)
#    i += 1

for i in range(1, 11):
    if i % 2 == 0:
        pass
    else:
        print(i)
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>

= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py

08_Purv Parmar

1

3

5

7

9

>>> |

Ln: 11 Col: 0

break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py

File Edit Format Run Options Window Help

```
print("08_Purv Parmar")
#for i in range(1, 21):
#    if i % 2 == 0:
#        print(i)
#        break

#i = 1
#while i <= 10:
#    if i % 5 != 0:
#        i += 1
#        continue
#    print(i)
#    i += 1

#for i in range(1, 11):
#    if i % 2 == 0:
#        pass
#    else:
#        print(i)

str = "Python"
for i in str:
    if i == "h":
        break
    print(i)
```

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py
08_Purv Parmar
P
Y
t
>>>
```

Ln: 9 Col: 0

break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statement

File Edit Format Run Options Window Help

```
print("08_Purv Parmar")
#for i in range(1, 21):
#    if i % 2 == 0:
#        print(i)
#        break

#i = 1
#while i <= 10:
#    if i % 5 != 0:
#        i += 1
#        continue
#    print(i)
#    i += 1

#for i in range(1, 11):
#    if i % 2 == 0:
#        pass
#    else:
#        print(i)

#str = "Python"
#for i in str:
#    if i == "h":
#        break
#    print(i)

str = "Python"
for i in str:
    if i == "h":
        continue
    print(i)
```

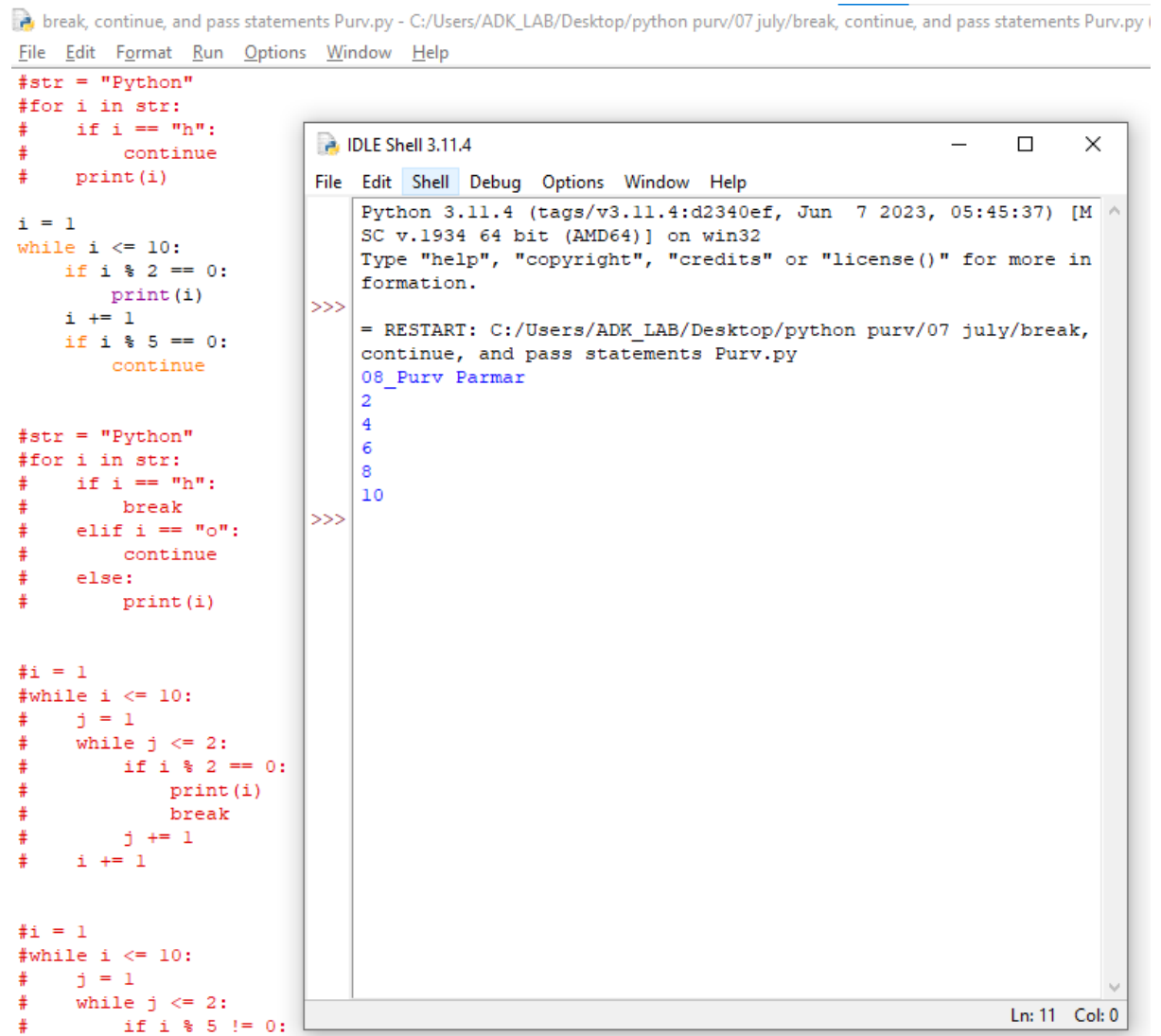
IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july /break, continue, and pass statements Purv.py
08_Purv Parmar
P
y
t
o
n
>>> |
```

Ln: 11 Col: 0



The image shows a Python script in an IDE and its execution output in the IDLE Shell. The script contains three loops demonstrating the use of break, continue, and pass statements.

```
#str = "Python"
#for i in str:
#    if i == "h":
#        continue
#    print(i)

i = 1
while i <= 10:
    if i % 2 == 0:
        print(i)
    i += 1
    if i % 5 == 0:
        continue

#str = "Python"
#for i in str:
#    if i == "h":
#        break
#    elif i == "o":
#        continue
#    else:
#        print(i)

#i = 1
#while i <= 10:
#    j = 1
#    while j <= 2:
#        if i % 2 == 0:
#            print(i)
#            break
#        j += 1
#    i += 1

#i = 1
#while i <= 10:
#    j = 1
#    while j <= 2:
#        if i % 5 != 0:
```

The IDLE Shell output shows the execution of the script, displaying the results of the loops:

```
Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [M
SC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more in
formation.
>>>
= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break,
continue, and pass statements Purv.py
08_Purv Parmar
2
4
6
8
10
>>>
```

The status bar at the bottom right of the IDLE Shell indicates the current line and column: Ln: 11 Col: 0.

break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass stat

File Edit Format Run Options Window Help

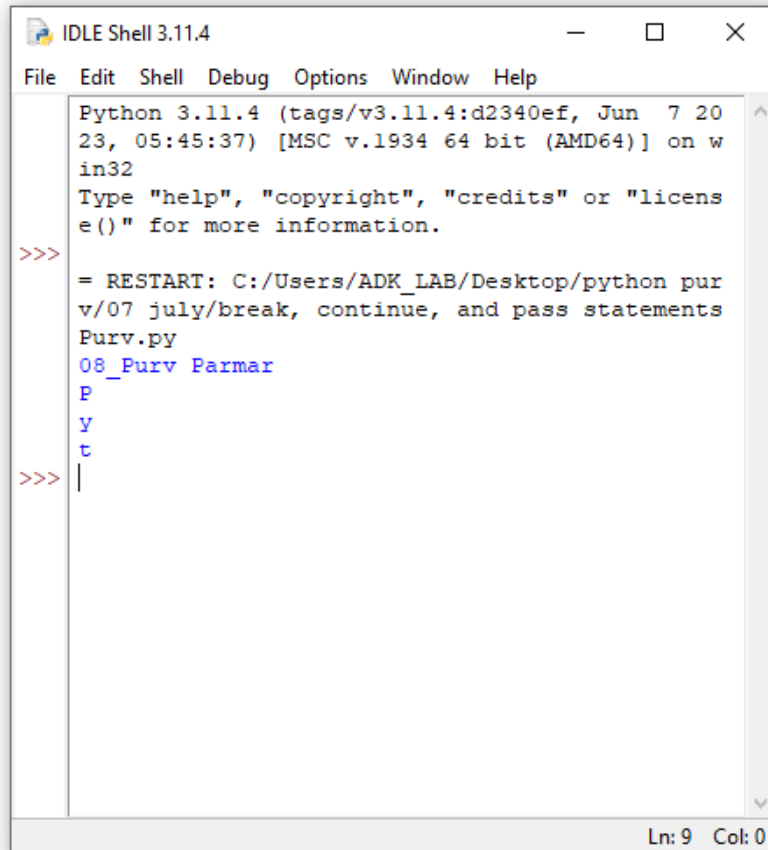
```
#####  
# if i % 2 == 0:  
#     pass  
# else:  
#     print(i)
```

```
#str = "Python"  
#for i in str:  
#     if i == "h":  
#         break  
#     print(i)
```

```
#str = "Python"  
#for i in str:  
#     if i == "h":  
#         continue  
#     print(i)
```

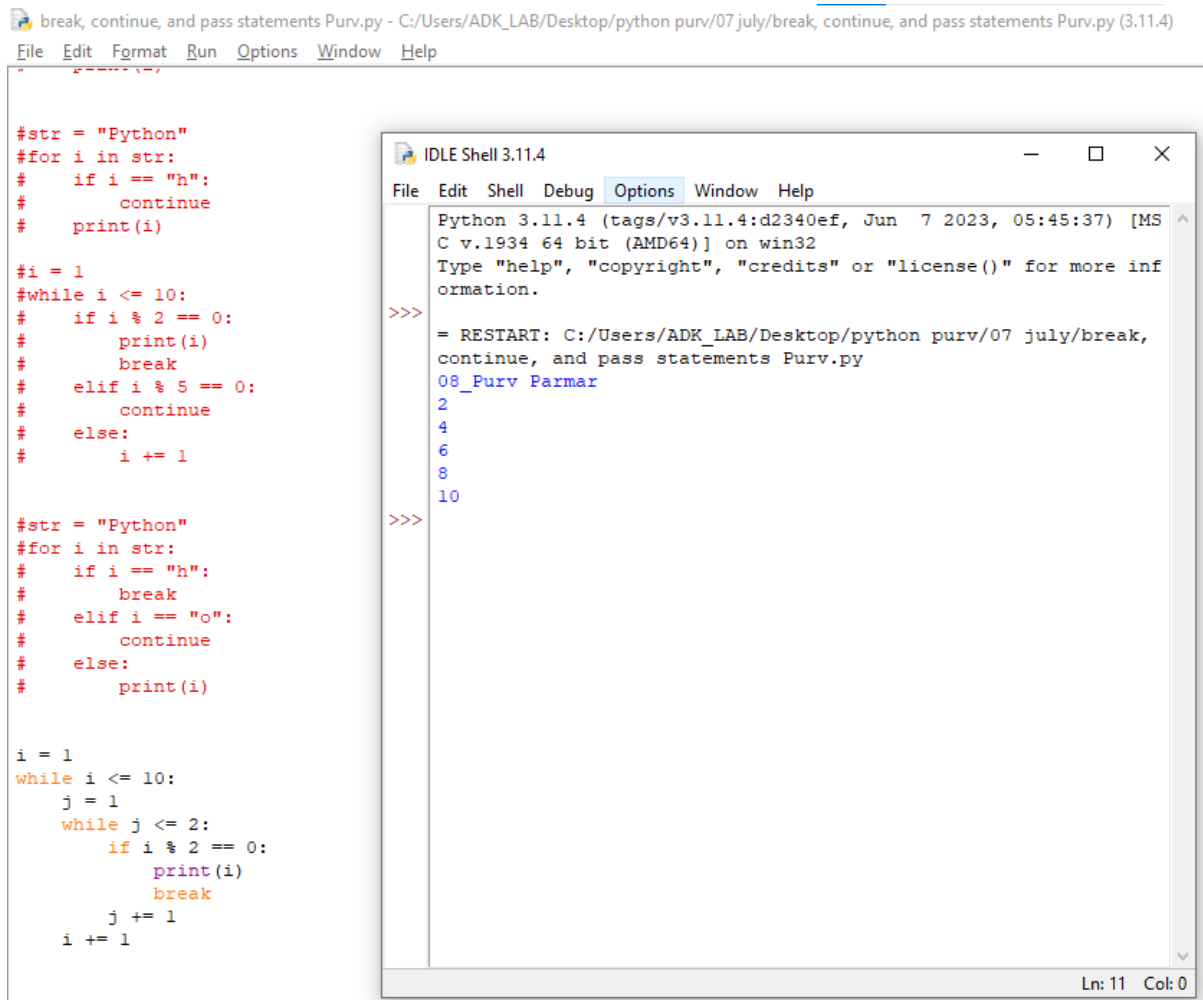
```
#i = 1  
#while i <= 10:  
#     if i % 2 == 0:  
#         print(i)  
#         break  
#     elif i % 5 == 0:  
#         continue  
#     else:  
#         i += 1
```

```
str = "Python"  
for i in str:  
    if i == "h":  
        break  
    elif i == "o":  
        continue  
    else:  
        print(i)
```



```
Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>> = RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py  
08_Purv Parmar  
P  
Y  
t  
>>> |
```

Ln: 9 Col: 0



The image shows a screenshot of a Python IDE. The main window displays a Python script with three parts: a string iteration using 'continue', a loop iteration using 'break' and 'continue', and a nested loop iteration using 'break'. Below the script, an 'IDLE Shell 3.11.4' window shows the execution output, which includes the Python version, system architecture, and the results of the script's execution, showing the numbers 2, 4, 6, 8, and 10.

```
#str = "Python"
#for i in str:
#    if i == "h":
#        continue
#    print(i)

#i = 1
#while i <= 10:
#    if i % 2 == 0:
#        print(i)
#        break
#    elif i % 5 == 0:
#        continue
#    else:
#        i += 1

#str = "Python"
#for i in str:
#    if i == "h":
#        break
#    elif i == "o":
#        continue
#    else:
#        print(i)

i = 1
while i <= 10:
    j = 1
    while j <= 2:
        if i % 2 == 0:
            print(i)
            break
        j += 1
    i += 1
```

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MS
C v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more inf
ormation.

```
>>>
= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break,  
continue, and pass statements Purv.py
08_Purv Parmar
2
4
6
8
10
>>>
```

Ln: 11 Col: 0

break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass stat

File Edit Format Run Options Window Help

```
# elif i % 5 == 0:
#     continue
# else:
#     i += 1
```

```
#str = "Python"
#for i in str:
#    if i == "h":
#        break
#    elif i == "o":
#        continue
#    else:
#        print(i)
```

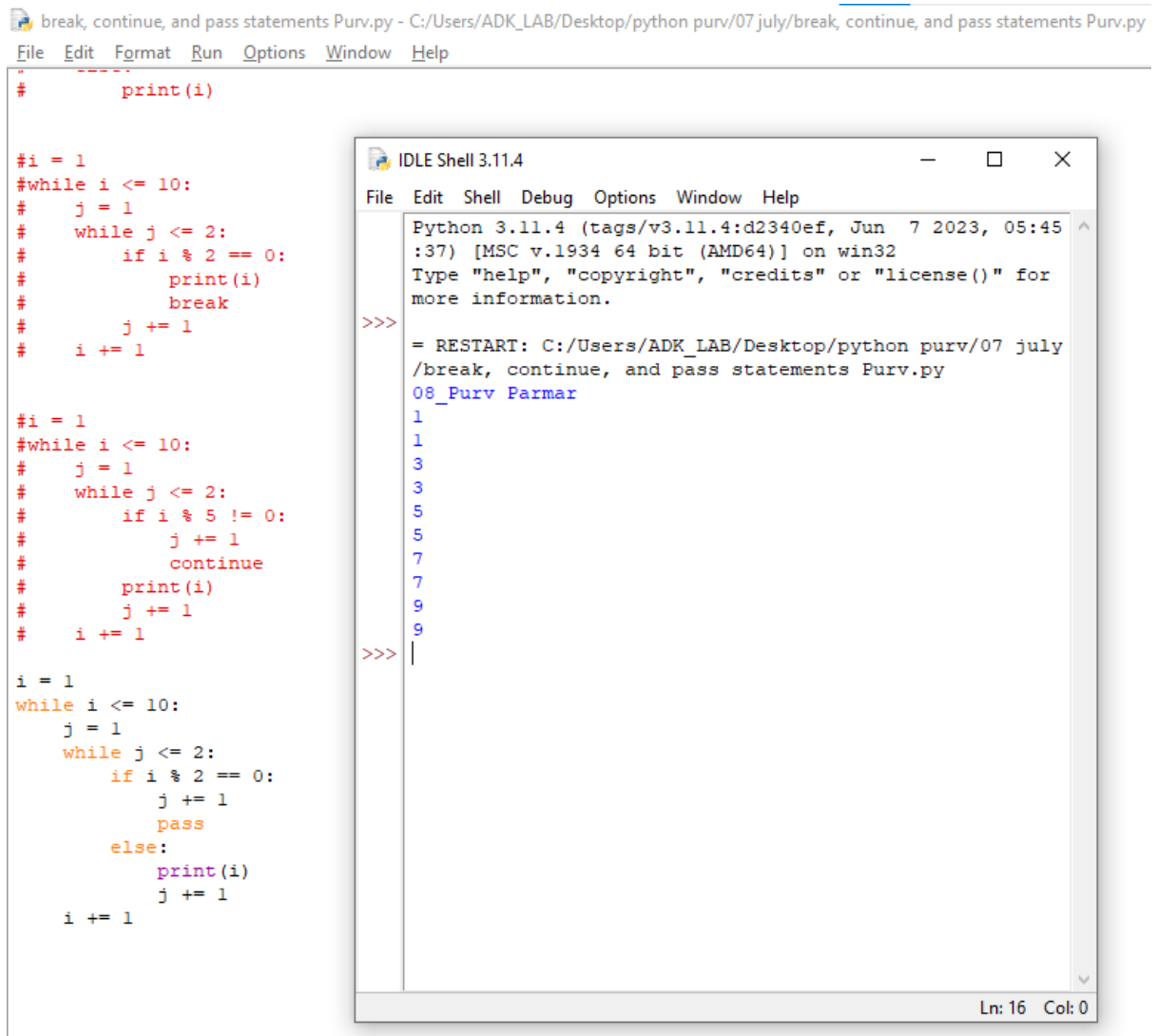
```
#i = 1
#while i <= 10:
#    j = 1
#    while j <= 2:
#        if i % 2 == 0:
#            print(i)
#            break
#        j += 1
#    i += 1
```

```
i = 1
while i <= 10:
    j = 1
    while j <= 2:
        if i % 5 != 0:
            j += 1
            continue
        print(i)
        j += 1
    i += 1
```

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py
08_Purv Parmar
5
5
10
10
>>> |
```

Ln: 10 Col: 0



The image shows a Python IDE window titled "break, continue, and pass statements Purv.py". The script contains three code blocks. The first block uses a nested while loop with a break statement. The second block uses a nested while loop with a continue statement. The third block uses a nested while loop with a pass statement. To the right, the "IDLE Shell 3.11.4" window shows the execution output, which is a restart of the program, followed by the numbers 1 through 9 printed on separate lines.

```
break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py
File Edit Format Run Options Window Help

#         print(i)

#i = 1
#while i <= 10:
#    j = 1
#    while j <= 2:
#        if i % 2 == 0:
#            print(i)
#            break
#        j += 1
#    i += 1

#i = 1
#while i <= 10:
#    j = 1
#    while j <= 2:
#        if i % 5 != 0:
#            j += 1
#            continue
#        print(i)
#        j += 1
#    i += 1

i = 1
while i <= 10:
    j = 1
    while j <= 2:
        if i % 2 == 0:
            j += 1
            pass
        else:
            print(i)
            j += 1
    i += 1

IDLE Shell 3.11.4
File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun  7 2023, 05:45
:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for
more information.

>>>
= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july
/break, continue, and pass statements Purv.py
08_Purv Parmar
1
1
3
3
5
5
7
7
9
9
>>> |

Ln: 16 Col: 0
```

break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py (3.11.4)

File Edit Format Run Options Window Help

```
# while j <= 2:
#     if i % 5 != 0:
#         j += 1
#         continue
#     print(i)
#     j += 1
#     i += 1

#10
#i = 1
#while i <= 10:
#    j = 1
#    while j <= 2:
#        if i % 2 == 0:
#            j += 1
#            pass
#        else:
#            print(i)
#            j += 1
#    i += 1

#11
str = "Python"
i = 0
while i < len(str):
    j = 0
    while j < 2:
        if str[i] == "h":
            break
        elif str[i] == "o":
            continue
        else:
            print(str[i])
            j += 1
    i += 1
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>

= RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py

08_Purv Parmar

P

P

Y

Y

t

t

Ln: 12 Col: 0

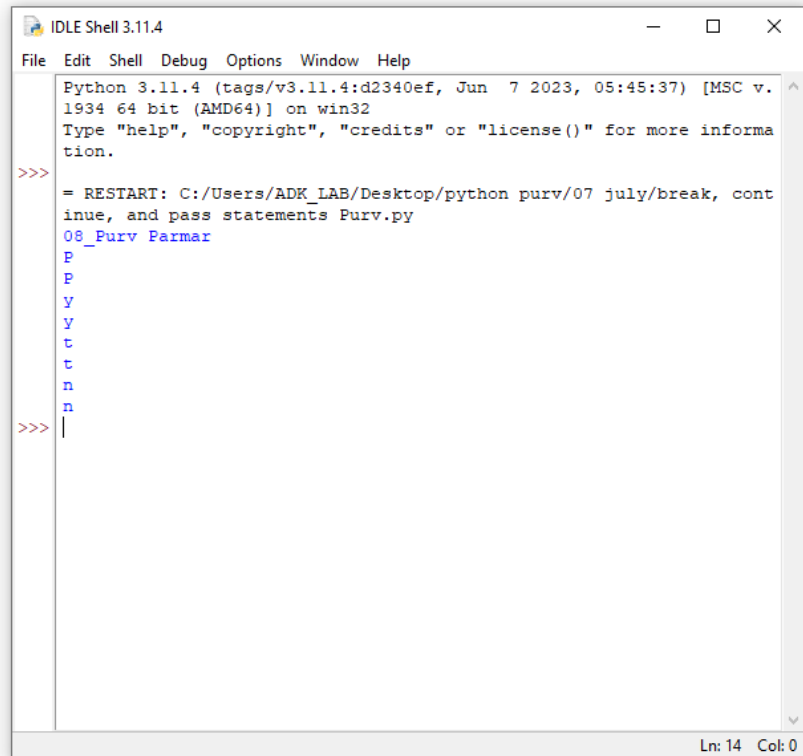
break, continue, and pass statements Purv.py - C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py (3.11.4)

File Edit Format Run Options Window Help

```
# break, continue, and pass statements
# pass
# else:
#     print(i)
#     j += 1
# i += 1

#11
#str = "Python"
#i = 0
#while i < len(str):
#    j = 0
#    while j < 2:
#        if str[i] == "h":
#            break
#        elif str[i] == "o":
#            continue
#        else:
#            print(str[i])
#            j += 1
#    i += 1

#12
str = "Python"
i = 0
while i < len(str):
    j = 0
    while j < 2:
        if str[i] == "h":
            j += 1
            continue
        elif str[i] == "o":
            break
        else:
            print(str[i])
            j += 1
    i += 1
```



IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>> = RESTART: C:/Users/ADK_LAB/Desktop/python purv/07 july/break, continue, and pass statements Purv.py
08_Purv Parmar
P
P
Y
Y
t
t
n
n
>>> |

Ln: 14 Col: 0