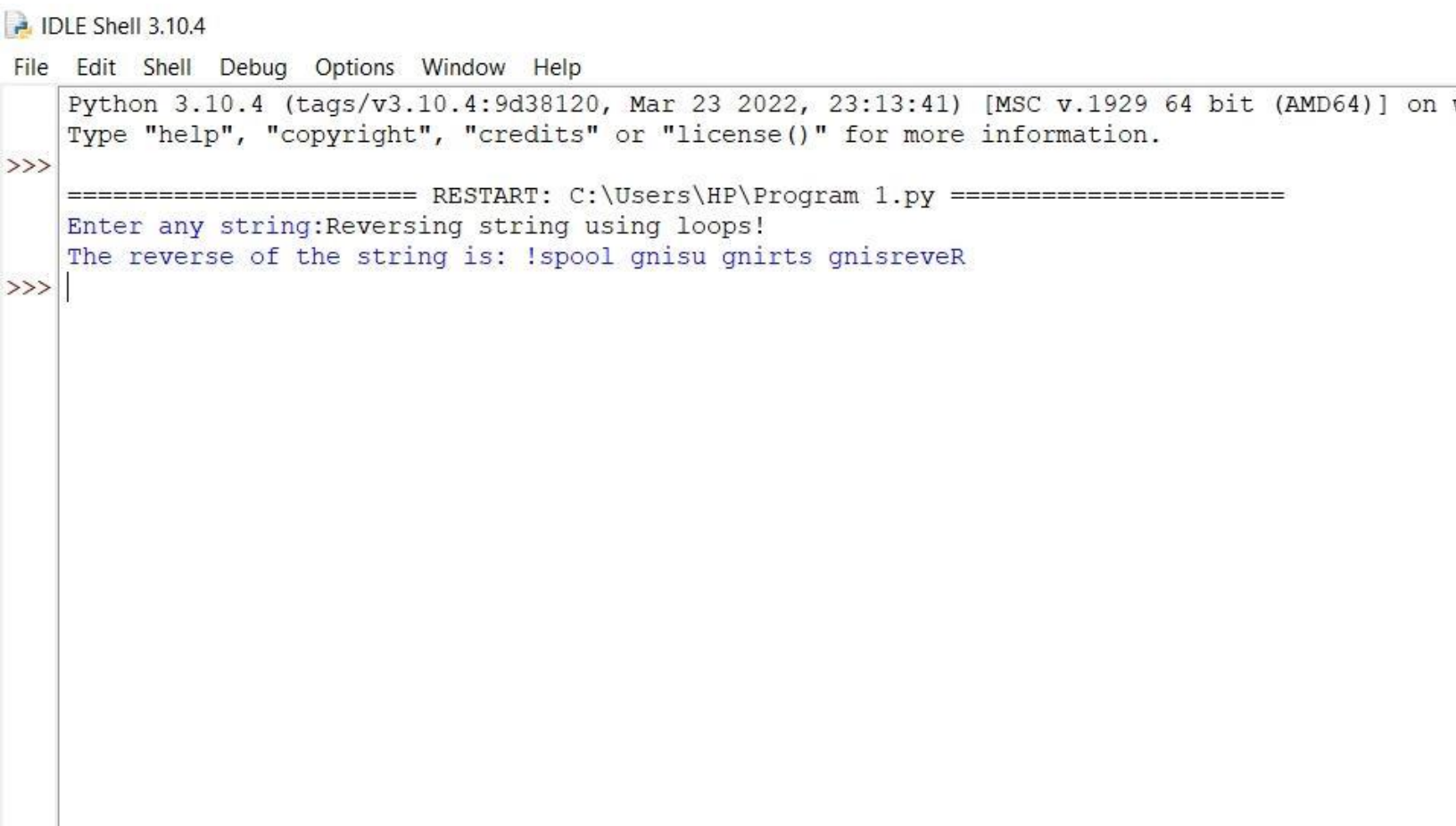


# ASSIGNMENT-5

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BRANCH: CIVIL

## OUTPUT OF PROGRAM 1:

A screenshot of the IDLE Shell 3.10.4 interface. The title bar reads 'IDLE Shell 3.10.4'. The menu bar includes 'File', 'Edit', 'Shell', 'Debug', 'Options', 'Window', and 'Help'. The shell area shows the following text: 'Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on v... Type "help", "copyright", "credits" or "license()" for more information.' followed by a prompt '>>>'. The next line is '==== RESTART: C:\Users\HP\Program 1.py ====='. Then, the prompt 'Enter any string:Reversing string using loops!' is shown. The user has entered 'The reverse of the string is: !spool gnisu gnirts gnisreveR'. The prompt '>>>' is followed by a vertical bar '|'.

```
IDLE Shell 3.10.4
File Edit Shell Debug Options Window Help
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on v...
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:\Users\HP\Program 1.py =====
Enter any string:Reversing string using loops!
The reverse of the string is: !spool gnisu gnirts gnisreveR
>>> |
```

## OUTPUT OF PROGRAM 2:

 IDLE Shell 3.10.4

File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:/Users/HP/Program 2.py =====

Enter the lower value of range:35

Enter the upper value of range:70

Enter the number to be divisible by:6

36

42

48

54

60

66

>>>

# OUTPUT OF PROGRAM 3

IDLE Shell 3.10.4

File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:/Users/HP/Program 3.py =====

Enter first side of the triangle:7  
Enter second side of the triangle:14  
Enter third side of the triangle:16  
Combination of sides is possible!  
The area of triangle is: 352.71801768551603

>>>

>>>

===== RESTART: C:/Users/HP/Program 3.py =====

Enter first side of the triangle:6  
Enter second side of the triangle:4  
Enter third side of the triangle:10  
Combination of sides is not possible!

>>>

|

# OUTPUT OF PROGRAM 4

 IDLE Shell 3.10.4

File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:/Users/HP/Program 4.py =====

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

>>> |

# OUTPUT OF PROGRAM 5

Python Shell 3.10.4

File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
===== RESTART: C:\Users\HP\Program 5.py =====
Enter the number of rows:5
A
BC
DEF
GHIJ
KLMNO
>>>
===== RESTART: C:\Users\HP\Program 5.py =====
Enter the number of rows:8
A
BC
DEF
GHIJ
KLMNO
PQRSTU
VWXYZAB
CDEFGHIJ
>>>
===== RESTART: C:\Users\HP\Program 5.py =====
Enter the number of rows:16
A
BC
DEF
GHIJ
KLMNO
PQRSTU
VWXYZAB
CDEFGHIJ
KLMNOPQRS
TUVWXYZABC
DEFGHIJKLMN
OPQRSTUVWXYZ
ABCDEFGHIJKLMN
NOPQRSTUVWXYZA
BCDEFGHIJKLMNOP
QRSTUVWXYZABCDEF
>>>
```

# OUTPUT OF PROGRAM 6

IDLE Shell 3.10.4

File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:/Users/HP/Program 6.py =====

Enter the lower value of range:14

Enter the upper value of range:79

The prime numbers in the range are:

17

19

23

29

31

37

41

43

47

53

59

61

67

71

73

79

>>> |

# OUTPUT OF PROGRAM 7

 IDLE Shell 3.10.4

File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
===== RESTART: C:/Users/HP/Program 7.py =====
The numbers multiple of 7 and divisible by 11 in the range are:
77
154
231
308
385
462
>>> |
```

# OUTPUT OF PROGRAM 8


IDLE Shell 3.10.4

File Edit Shell Debug Options Window Help

```
>>> ===== RESTART: C:\Users\HP\Program 8.py =====
Enter any value:-6
Enter any value:-5
Enter any value:9
Enter any value:3
Enter any value:5
Enter any value:3
Enter any value:-2
Enter any value:10
Enter any value:-4
Enter any value:-5
positive numbers are
9
3
5
3
10
negative numbers are
-6
-5
-2
-4
-5
The odd numbers are
-5
9
3
5
3
-5
The even numbers are
-6
-2
10
-4
The numbers of times -6 occurs in the list is 1
The numbers of times -5 occurs in the list is 2
The numbers of times 9 occurs in the list is 1
The numbers of times 3 occurs in the list is 2
The numbers of times 5 occurs in the list is 1
The numbers of times 3 occurs in the list is 2
The numbers of times -2 occurs in the list is 1
The numbers of times 10 occurs in the list is 1
The numbers of times -4 occurs in the list is 1
The numbers of times -5 occurs in the list is 2
>>> |
```



# OUTPUT OF PROGRAM 9

 IDLE Shell 3.10.4

File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:/Users/HP/Program 9.py =====

Enter any string:next time there won't be a next time

next occurs 2 times in the list

time occurs 2 times in the list

there occurs 1 times in the list

won't occurs 1 times in the list

be occurs 1 times in the list

a occurs 1 times in the list

next occurs 2 times in the list

time occurs 2 times in the list

>>> |