Assignment-1

1.Consider a list (list=[]).you can perform the following commands:

Insert: insert integer at position.

Print: print the list.

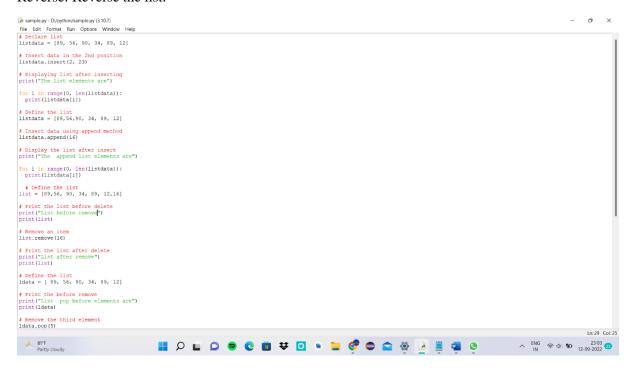
Remove: Delete the first occurrence of integer.

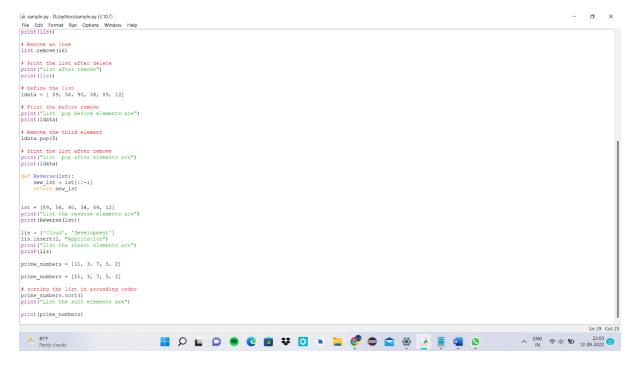
Append: insert integer at the end of the list.

Sort: Sort the list.

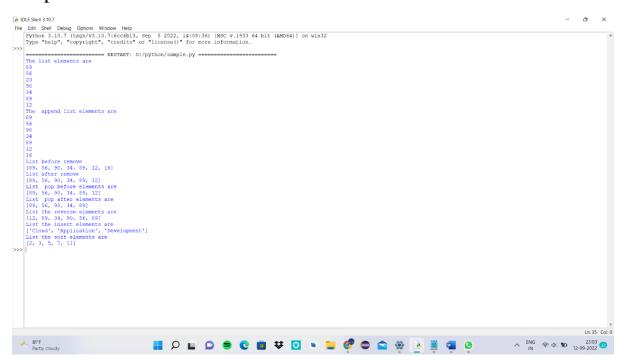
Pop: pop the last element from the list.

Reverse: Reverse the list.



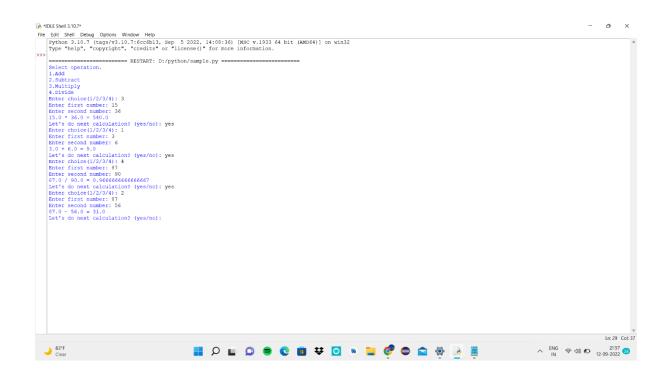


Output:

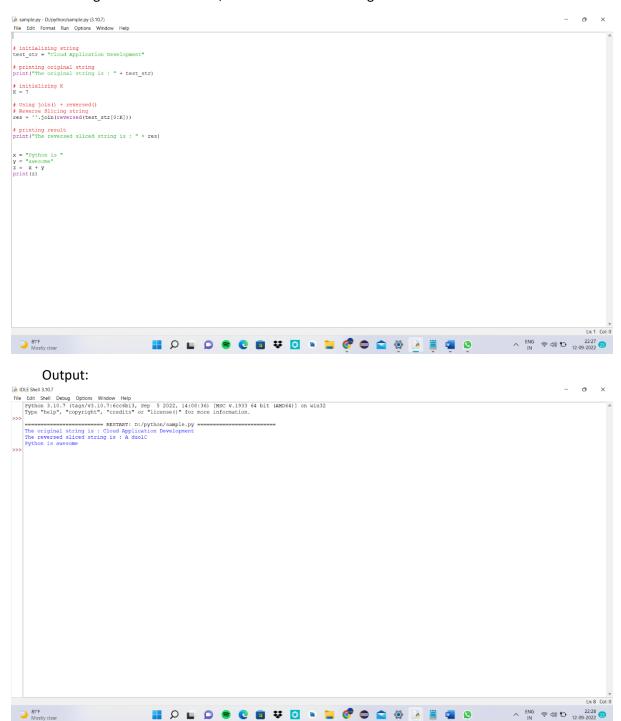


2. Write a Calculator Program In Python?

Output:



3. Write a Program to Concatenate, reverse and slice a String?



- 4. Why Python a Popular Programming Language?
 - 1. Python is a general Purpose, high level, interpreted and object oriented Scripting Language.
 - 2. For beginner's python is the best Language to learn and it support wide range of applications from simple text processing to worldwide web browsers to public to games.
 - 3. Python used for developing wide range applications such as,
 - Web development
 - Scientific and numeric computing
 - Data Analytics
 - •Automation Application and so on.
- 5. What are the other Frameworks that can be used with python?
 - Django
 - Bottle
 - Pyramid
 - •Web2py

6.Full Form of WSGI?

- •WSGI-Web Server Gateway Interface.
- •It is a specification that describes how a web server communicates with web applications, how web applications can be chained together to process one request.