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| **Lab** | **Program** |
| 1 | To study for the installation of Anaconda, jupyter notebook and Configuration of Google  Colab Environment. |
| 2 | Write a program to demonstrate different number datatypes in python. |
| 3 | Write a program that uses for loop to print all the odd, even numbers in the range input by user. |
| 4 | Write a program to create, concatenate and print a string and accessing substring from a  given string. |
| 5 | Write a python program to create, append and remove lists in python. |
| 6 | Write a program to demonstrate working with tuples in python. |
| 7 | Write a program to demonstrate working with dictionaries in python. |
| 8 | Python program to map two lists into a dictionary. |
| 9 | Python program to count the frequency of words appearing in a string using a dictionary. |
| 10 | Write a program to demonstrate the File handling functionality in python. |
| 11 | Python program to read the contents of a file in reverse order. |
| 12 | Write a python program to demonstrate matrix operations using numpy library. |
| 13 | Write a program to implement all the import and data handling functionalities of Pandas  library in Python. |
| 14 | Write a program to implement all the 2D visualization functionalities of MatPlotLib in  Python. |

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