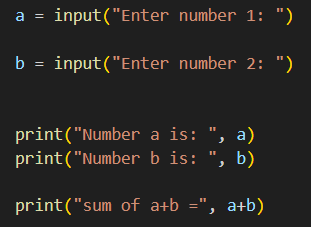
**Lab 1 – Report**

**Meet Kansara – 220929270 Roll no. 54**

**Aim: To familiarize with fundamental Python programming concepts**

**Code Execution and analysis:**

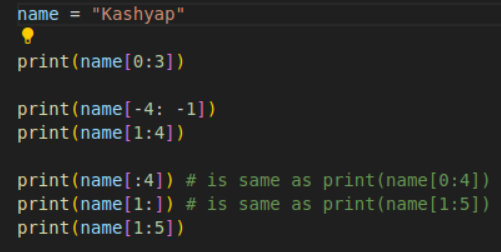
1. Input Handling:



A black screen with white text

Description automatically generated

1. Strings:



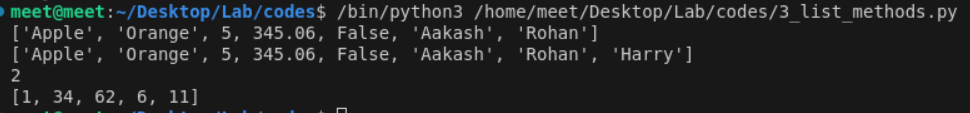
A black screen with white text

Description automatically generated

1. Lists:

A computer screen with text and numbers

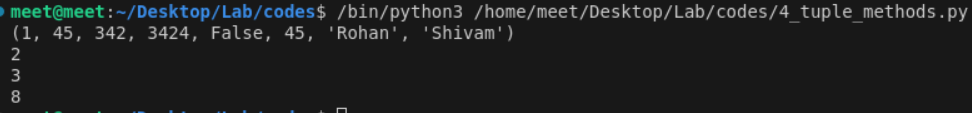
Description automatically generated



1. Tuples:

A screenshot of a computer

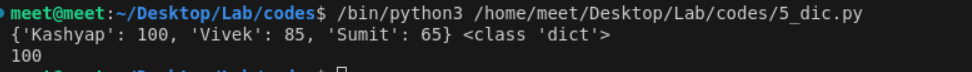
Description automatically generated



1. Dictionary:

A screen shot of a computer code

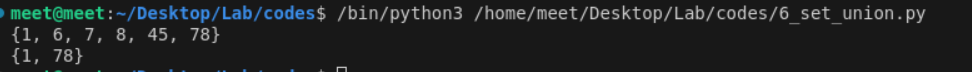
Description automatically generated



1. Sets:

A computer code with numbers and letters

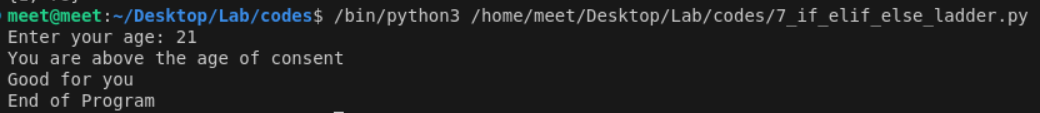
Description automatically generated



1. Conditional statements:

A screen shot of a computer program

Description automatically generated



1. Break and continue statements:

A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated

1. Function definitions:

A screen shot of a computer program

Description automatically generated



1. Classes and objects:

A computer screen shot of a math program

Description automatically generated



**Conclusion: A comprehensive introduction to essential Python programming concepts crucial for ROS applications was successfully achieved.**