Topics in python

- Introduction to python

- Python programing components

- Literals ---> Datatypes

- Constants

- Variables

- Identifiers

- Reserved words

- Staements and expression

- Blocks and indentation

- Comments

- Inout and outpgut function

- Interger data type

\* Types of operations we can perform on integers

1. Arithmetic operations

2. Comparision oerators > , < ,>= , <=

3. Equality operators

4. Logical operators

5. Bitwise

6. Assignment operators

7. Identity operators

- Type casting

- float data type

- complex data type

- strings

\* Propertities of string

\* Concatination

\* Repetition

\* Identity

\* Membership operators

\* String methods

- lists

\* Creation of list

\* List properties

\* Nested List

\* Methods of list

\* Shallow and Deep copy

\* for loop

\* List comprehension

- Tuple

\* Creating a tuple

\* Properties of tuple

\* Methods of tuple

\* Tuple packing and unpacking

- Dictionary

\* Why dict

\* Properties of dic

\* Creating a dict

\* Methods of dict

- Set

\* basics

- Conditional statements

\* if

\* if else

\* if elif else