

Day-02 Lecture Notes



Goal - Tip Calculator



Topics Covered:

- **Data Types** - `str` , `int` , `float` , `boolean`
- **Subscripting** - Used to access elements of string, list, tuple, etc.
- **type()** - Returns the Type of Data stored in Variable or Object.
- **Type Errors** - Operation/Function is applied to an object of an inappropriate type.
- **Value Errors** - When the Object is Given the incorrect Value.
- **Operations** - PEMDAS : `()` > `**` > `*` > `/` > `+` > `-` and `//` , `%`
- **Type Conversion/Casting** - Convert Data type into diff. Data type using Special Functions. E.g. `str()` , `int()` , `float()`
- **Number Manipulation** - **Flooring** - `int()` & **Rounding** - `round()`
- **Assignment Operators** - `+=` , `-=` , `*=` , `/=`
- **f-String** - to insert a variable or expression into a string.

Tip1 : Large Integers can be written as `321_313_1341` instead of `321,313,1341`.

▼ Goal

1. Create a greeting for your program.
2. Ask the user for the Total Bill Amount and store it in a variable.
3. Ask the user the percentage of tip they like to give.
4. Ask the user how many people will be splitting the bill with.

5. Calculates and Give the amount each person should pay including tip.