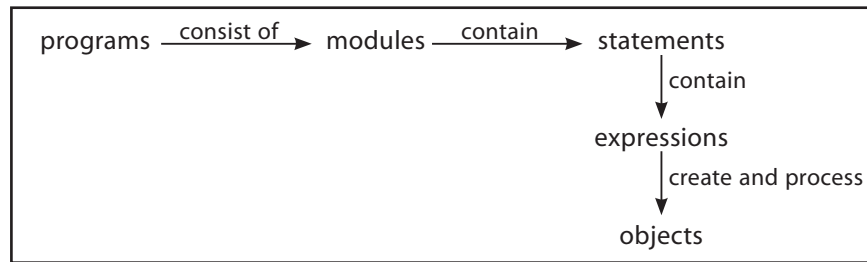
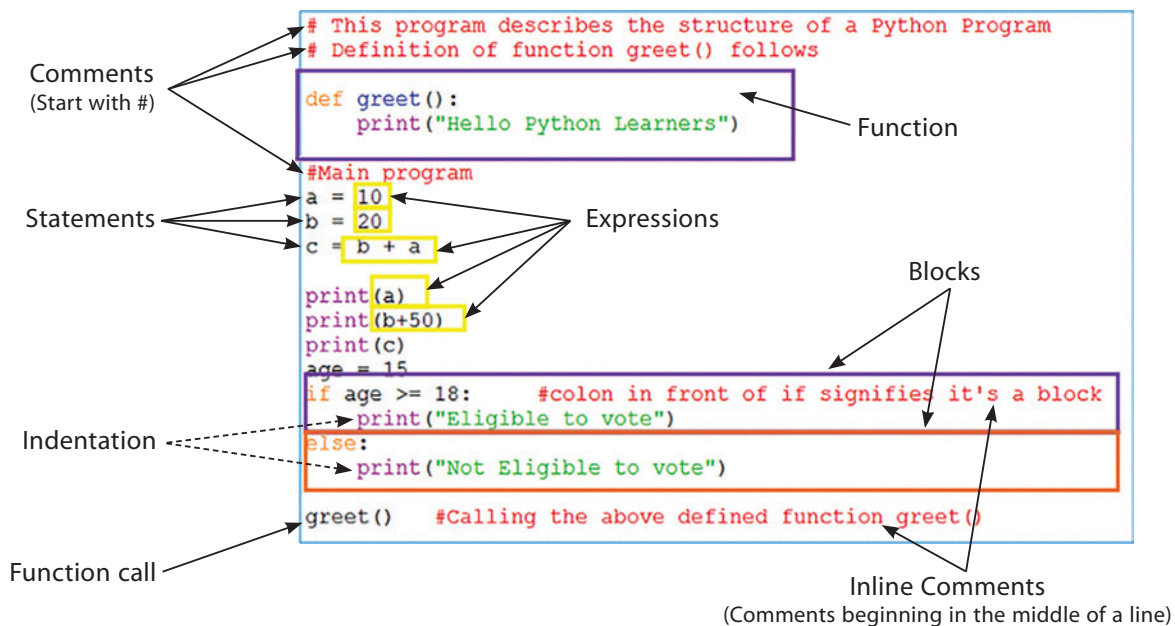


1.2 STRUCTURE OF A PYTHON PROGRAM

A Python program constitutes several elements such as statements, expressions, functions, comments, etc., which are synchronized in the manner as shown below:



Let us see the several components of a basic Python program.



As shown in the snippet given above, the several components that a Python program holds are:

- **Expressions:** An expression **represents** something, like a number, a string, or an element. Any value is an expression.
- **Statements:** Anything that **does something** is a statement. Any assignment to a variable or function call is a statement. Any value contained in that statement is an expression.
- **Comments:** Comments are the additional information provided against a statement or a chunk of code for the better clarity of the code. Interpreter ignores the comments and does not count them in commands.

Symbols used for writing comments include Hash (#) or Triple Double Quotation marks (""").

Hash (#) is used in writing **single-line comments** that do not span multiple lines. **Triple Quotation Marks ('' or ''')** are used to write **multiple-line comments**. Three triple quotation marks to start the comment and again three quotation marks to end the comment.

- **Functions:** Function is a set of instructions defined under a particular name, which once written can be called whenever and wherever required.
- **Block(s):** A block refers to a group of statements which are part of another statement or function. All statements inside a block are indented at the same level.