UNIT - 2

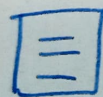## Data types, Expressions, Statements

High level lang

   C#, Java, Python.

      >>> → interactive mode

      ▤ .py → Script / Interpreter mode

      >>> python first.py   # executing in shell

      IDE → Integrated Development Environment

* Debugging :

> Syntax → Static / Compile time error.
  error

Eg:

```
c = (a+b)
print ("Hello')
```

> Logical error →

> Runtime error ⟶ Dynamic error ⎫ Errors can be
⎬ runtime found
⎭

* Debugging:

   A programmer can make mistakes while writing a program, and hence, the programme may not execute or may generate wrong output. The process of indentifying and removing mistakes which occur while typing a program is known as bugs or errors, from a program is called debugging.