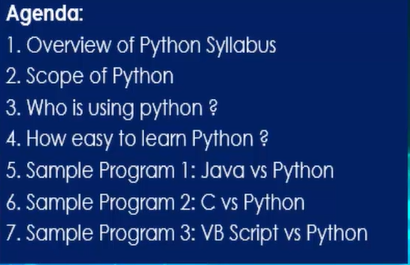
* Chapter – 1 – Python Introduction
* 
* Graphical user interface, application

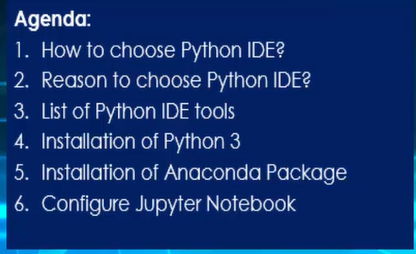
  Description automatically generated
* Graphical user interface, website

  Description automatically generated
* Scope of Python

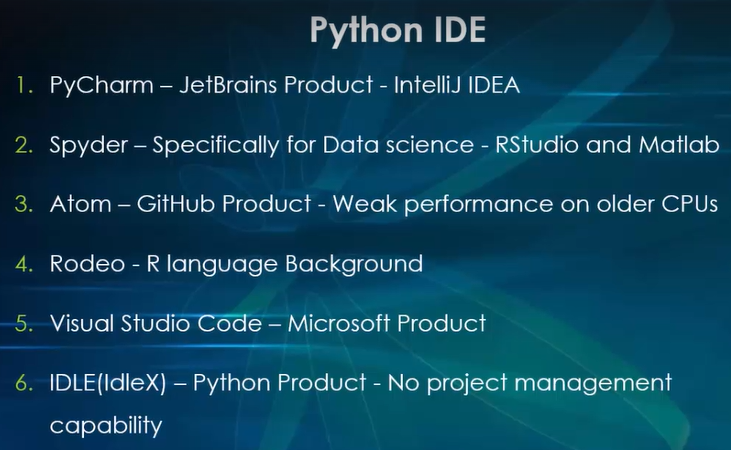
Diagram

Description automatically generated

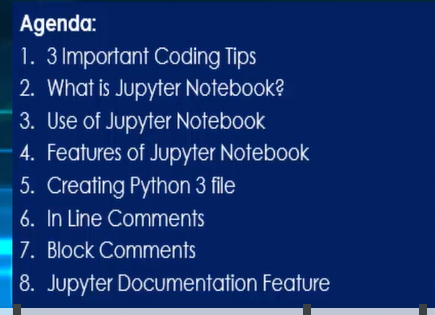
* **Python – Can be used in many fields where as R is purely used by Data Scientist**
* **How to choose Python IDE and Installation Steps**



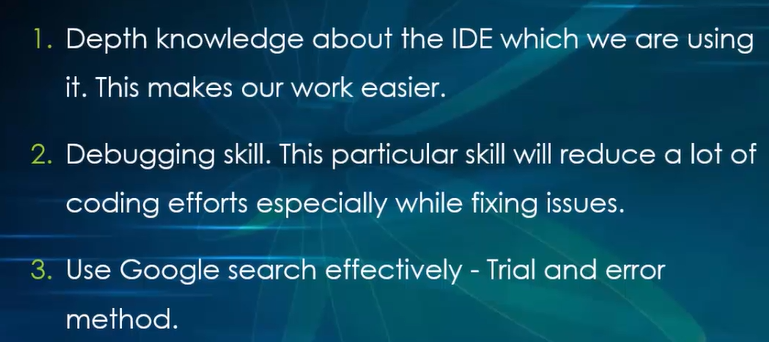
* **IDE** – Integrated Development Environment
* Different Python IDEs



* Installations steps
* Install python software.
* Install Anaconda
* Configure Jupyter Notebook
* Overview of Jupyter Notebook and Python Programming Basics



* Important coding tips



* It is always important to comment in your program; in order to help others to understand what the program does.
* Graphical user interface, text

  Description automatically generated

 -- inline comment

Text

Description automatically generated-- block comment

* Explained about Markdown

Graphical user interface, text, application, email

Description automatically generated

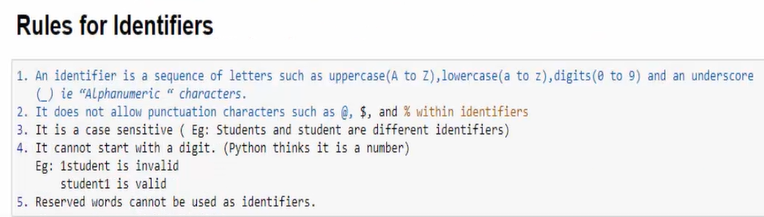
* **Identifiers and Reserved Keywords**

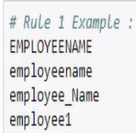
Graphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface, text, application

Description automatically generated





Graphical user interface, text, application, chat or text message

Description automatically generated

Text

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated



* Variables:

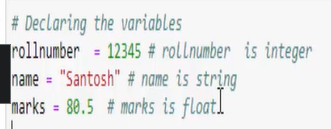
Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

* Data Types



* 

Graphical user interface, text, application, Word

Description automatically generated

Text

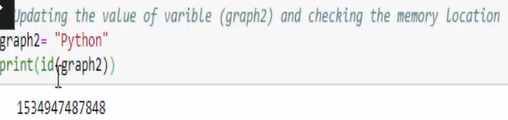
Description automatically generated

* Graphical user interface, text

  Description automatically generated

Graphical user interface, text, application

Description automatically generated



* **Id() -**  this is a build in function which returns the unique address location of a variable