

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

Tkinter module:- It is the standard GUI library for python. Python when combined with Tkinter provides a fast and easy way to create GUI applications. Tkinter provides a powerful object-oriented interface to the Tk GUI toolkit. To use the Tkinter module in the program, we need to import it first as, **import Tkinter as tk**.

PyPDF2:- It is a free and open-source pure-python PDF library capable of splitting, merging, cropping and transforming the pages of PDF files. It can also add custom data, viewing options and passwords to PDF files. PyPDF2 can retrieve text and metadata from PDFs as well.

Pillow module (PIL):- The python Pillow module is a fork of an older library called PIL. PIL stands for Python Imaging Library and it's the original library that enabled Python to deal with images. By using methods of this module, we can insert image, draw image, etc. To use the pillow module in program, we need to import it first as, **import PIL**