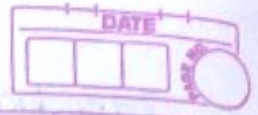


libraries - pre-defined prog.
→ web scraper - collecting data from web.



- 1) Python
- 2) Libraries of Framework.

2) Libraries:-

→ A libraries is set of predefined programs with pre-written functionality.

import tkinter → libraries.
w = tkinter.Tk() → function.
(b1) = tkinter.Button()
↓
button1.

→ A lang. uses libraries for developing different types of applications.

Framework:-

- framework is a software which provide library
- framework provides development environment & execution environment.

→ like in Java:- , .net there are many libraries.

- i) web appln or internet Appln.
- ii) mobile appln. (Kivy is a framework to developed mobile appln.)
- iii) web scraping.
- iv) cloud computing (AWS) or AWS Data Engineering.
- v) Data science or BA & DA.
↓
Business Analytics → Data Analysis.
- vi) ML (AI)
- vii) Testing (Selenium)
- viii) Automation.
- ix) Embedded Appln.

x) Cyber security.

xi) Audio & video processing.

xii) Lang. Development.

xiii) Operating system

xiv) ~~CA~~ CAD/CAM.

xv) Blockchain.

xvi) Devops (Develop operations) with python.