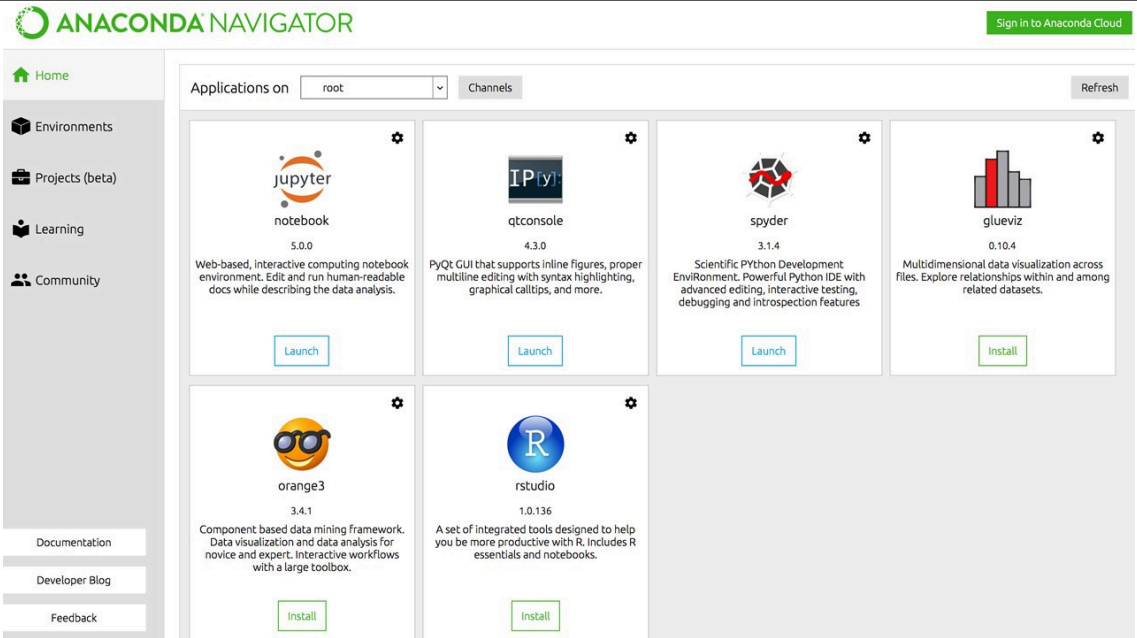


CH-06 Getting Started with Python

Introduction	● MLL-Assembly --HLL Programming language(+,-) ● Developed by Guido Van Rossum in february 1991. ● Basic-ABC- Modula --Python ● It is High level language and object oriented programming language ● Low level language-0011010 ● Assembly language-Mnemonics (ADD,SUB)
Python Pluses	● Easy to use,user friendly, .Ex input,print,if ● Expressive language- Ex A=10 B=20 Or In python A,B=10,20 ● Interpreted language-Interpreter ● In Completeness-Batteries included Philosophy Ex predefined library ● Cross Platform language-Platform means-OS-windows,Android/linux/ios ● Free and open source Software- ● Variety of usage- GUI Programs Game development Database application Web application,Django

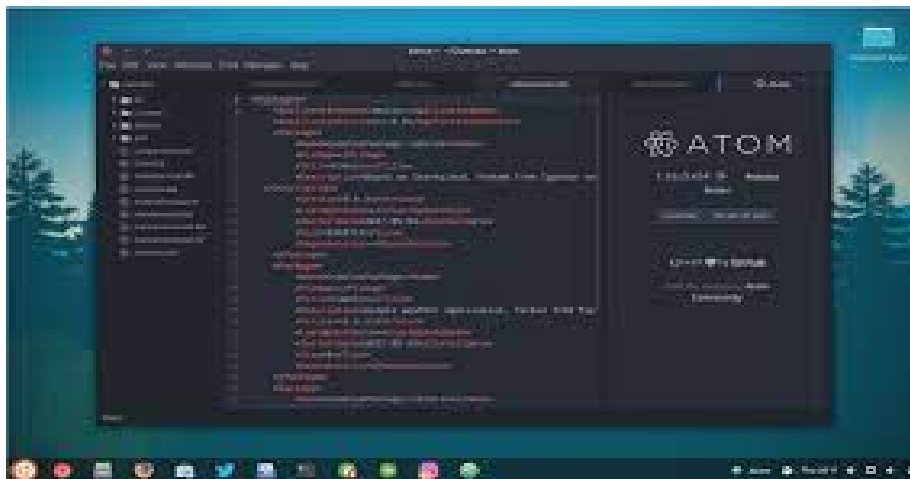
Python Minuses	❓ Not the Fastest Language ❓ Lesser Library than C,Java ❓ Not strong on Type binding Ex a=10 a="indian" Not easily convertible
6.4 Working in python	❓ Python.org Python IDLE(Integrated Development Environment) ❓ Other Anaconda Python distribution ❓ Spyder IDE,Jupyter ,Pycharm ❓ Google colab <u>1.Working in Interactive mode</u> <pre>>>>2+3 5 >>>print("Deepak") Deepak</pre> <u>2.Working in Script mode</u>
Working in Jupiter Notebook and Spyder	www.anaconda.com/download



Working in **Jupyter Notebook** and **Spyder**

**Working and
compiling
python
program with
command line
in linux**

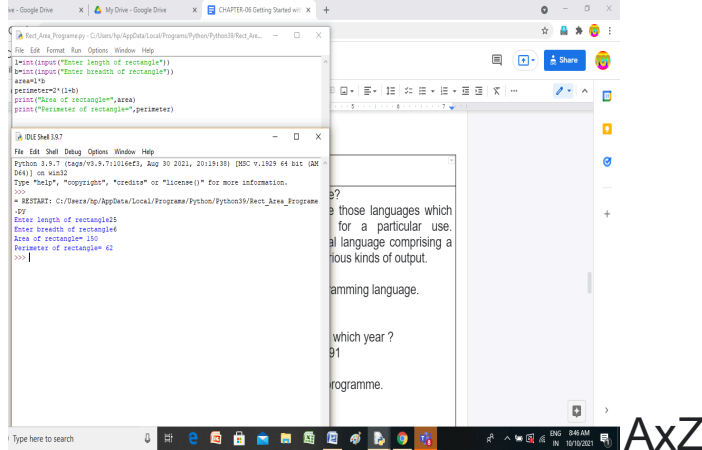
**Linux
Sublime text editor ,atom,brackets**



To open command prompt- CTR+ALT+T

To run python code-python firstprogram.py

Understanding first program



Q1.What is programming language?

Ans- Programming languages are those languages which are used to make programs for a particular use. programming language is a formal language comprising a set of instructions that produce various kinds of output.

Q2.write the name of any 02 programming language.

Ans -Examples are: HTML, Java

Q3. Who developed python and in which year ?

Ans-Guido van Rossum in Feb 1991

Q4. Python refers to which BBC programme.

Ans-Python flying circus

Q5. Write the any 03 Pluses of python .

Ans Easy of use, interpreted languages,ad free ad open source productivity and speed. Presence of third party modules. Open source and community development.High level language Easy to use Open source

	<pre>a=int(input("Enter length of rectangle")) b=int(input("Enter breadth of rectangle")) area=a*b print("Area of rectangle=",area)</pre>
	Q.Write a code in python to input two numbers and print their sum
	Q.Write a code in python to input three numbers and print their average. Q3.Write a code in python to convert km to Meter and CM.
	Q. Write a code in python to print your city name . Ans print("jhansi") Q. Python programme are typed in Ans Interactive and script mode Q.Python code can run on a variety of platform,It means python is a.....language Ans-Cross platform language
	Q.The mode of python gives instant result of typed statement Ans- Interactive mode Q.To print the value of a variable,Python uses ? Ans print() Q. Full form of IDLE.Write the name of some python IDLE Ans Integrated Development and Learning Environment Spyder,Python,Jupiter Q. Write a correct code after removing syntax errors. <pre>print("Hello ,i am fine")</pre> Ans- print("Hello ,i am fine")
Q1	Python's interactive interpreter is also called
Q2	What is the advantage of script mode ?
Q3.	$s=ut+1/2at^2$

	Write a code in python to input one litre cost of milk and find out the cost of 20 liter milk.
	Cost of one dozen banana is 40 Rs so find the cost of one Banana input 02 numbers and interchange them. Ex a=12 b=20 Output 20 12