Pre-requisites

| Date	28 september 2022
Team id	PNT2022TMID46217
Project Name	Smart Farmer (IOT)

IBM Cloud

An IBMid for an IBM Cloud account is required to sign in for Cloud Pak for Data as a Service.To sign for account ,you enter the Mail id Address,Personal Information,and you are only if you upgrade to a billable plan and then consume billancle services
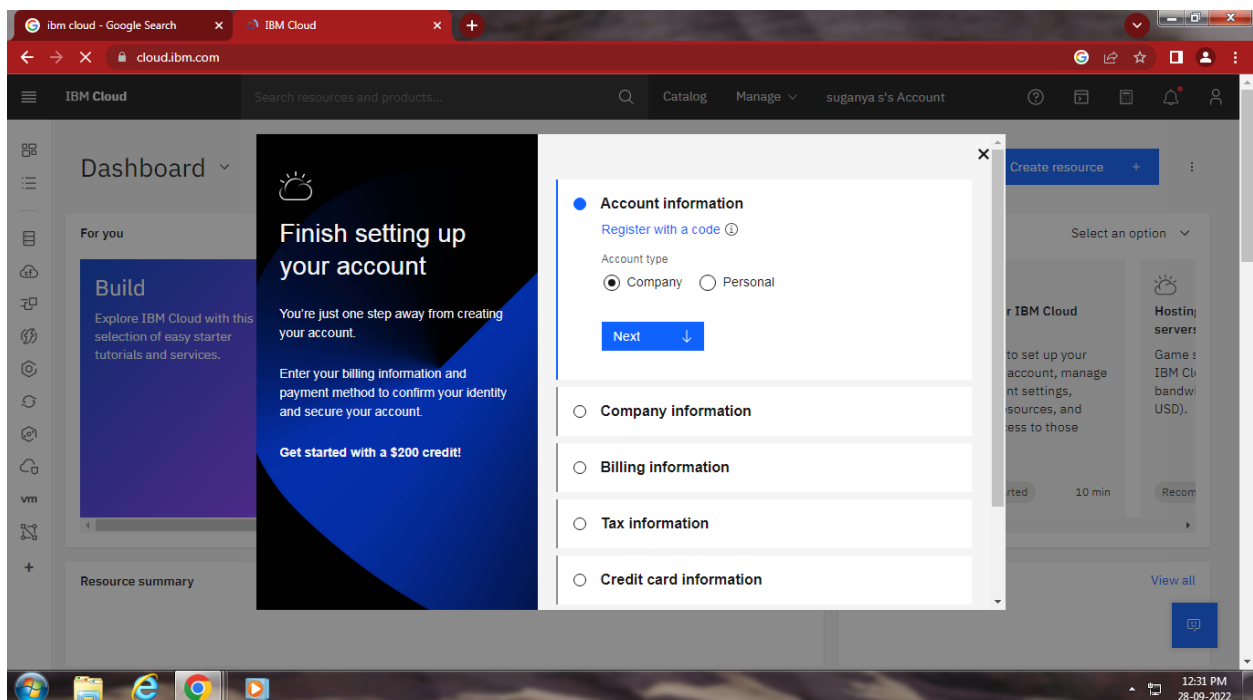
MIT App inventor

MIT app inventor Director Hal Abelosn at Mit News "Kind are people tool"Professon Hal Abelson has dedicated his careerd to making information technology.
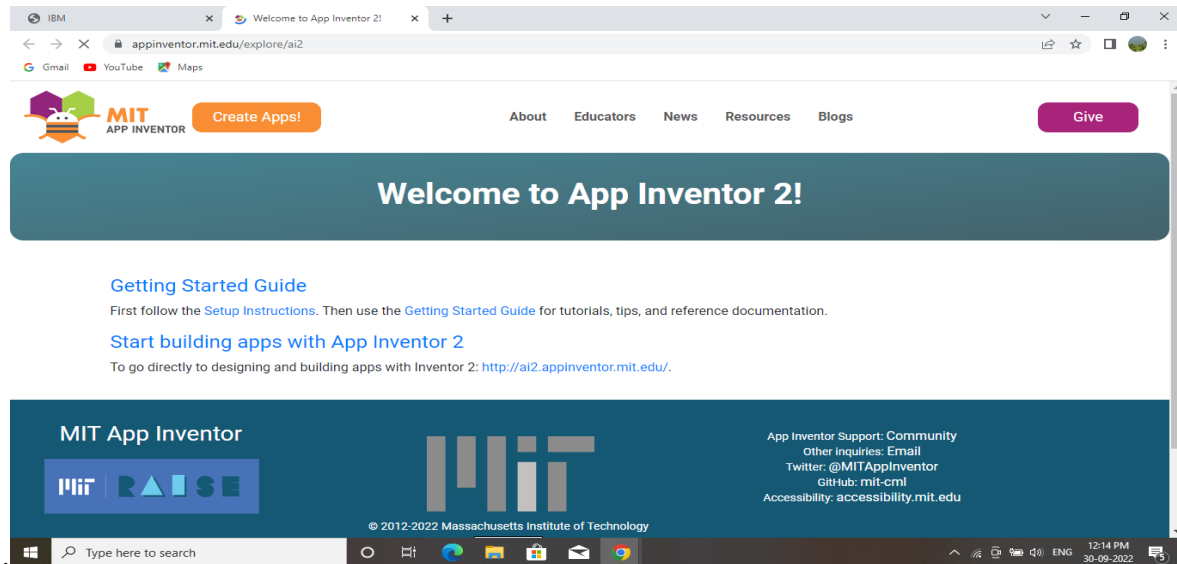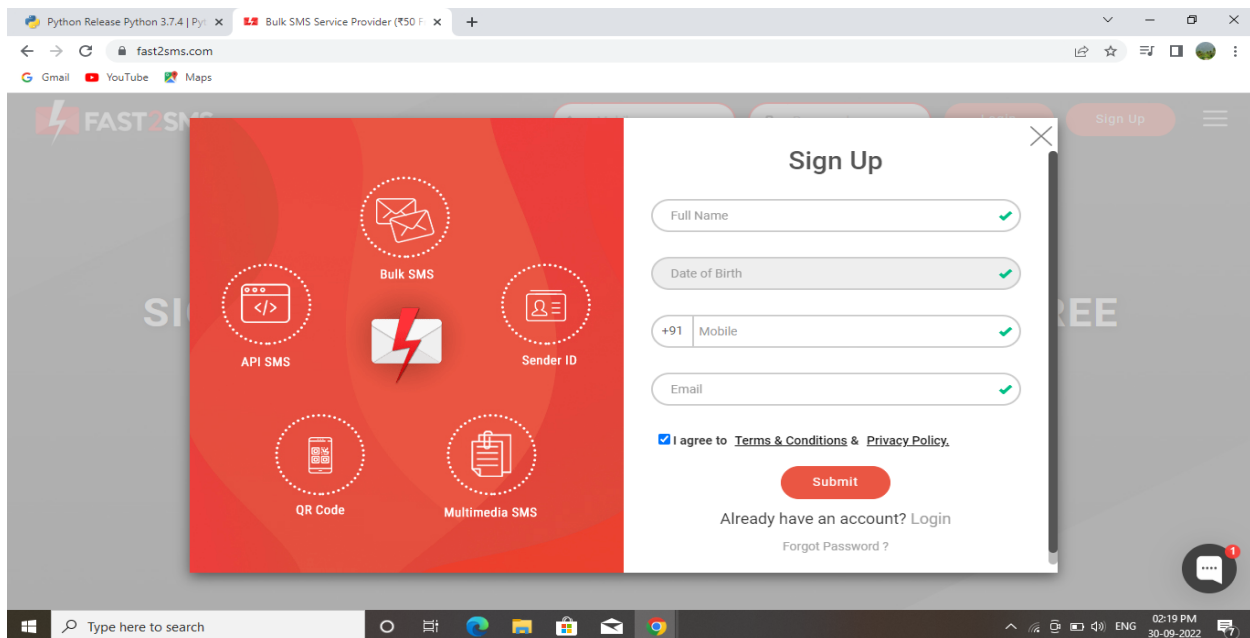

Python

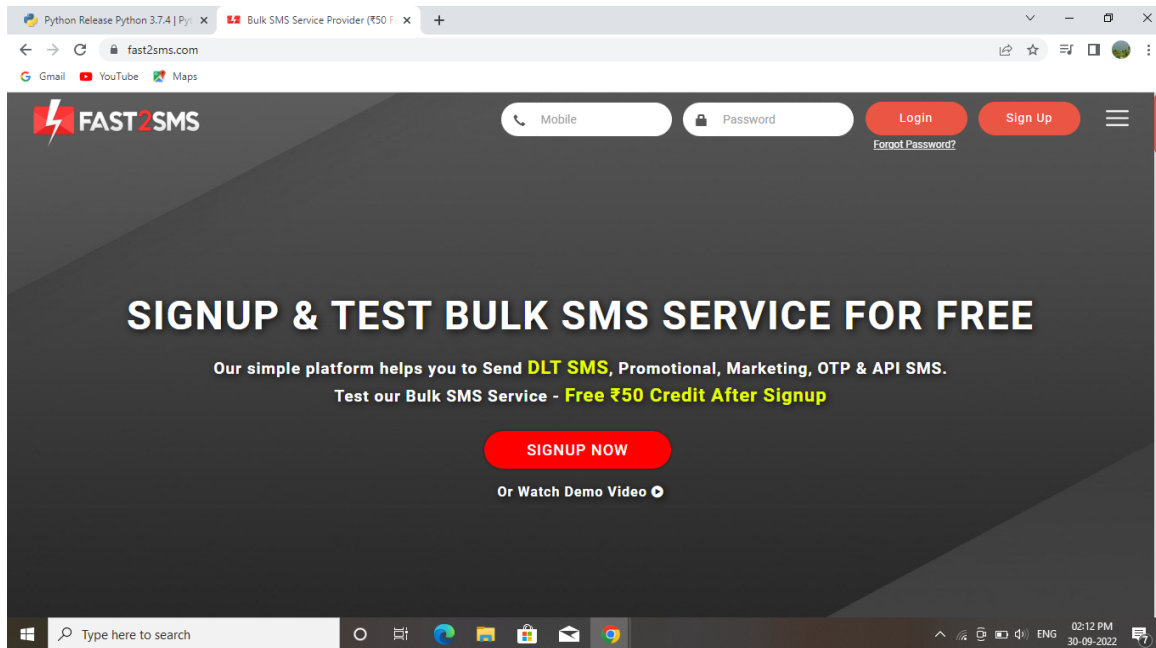Python is an interpreted ,object-oriented,high-level programming language with dynamic semantics.its high-level built in data structures combined with dynamic typing and dynamic binding, make it very alterarntive for rapid application development,as well as for use as a scripting or glue language to connect existing components togather.

Python 3.7.4
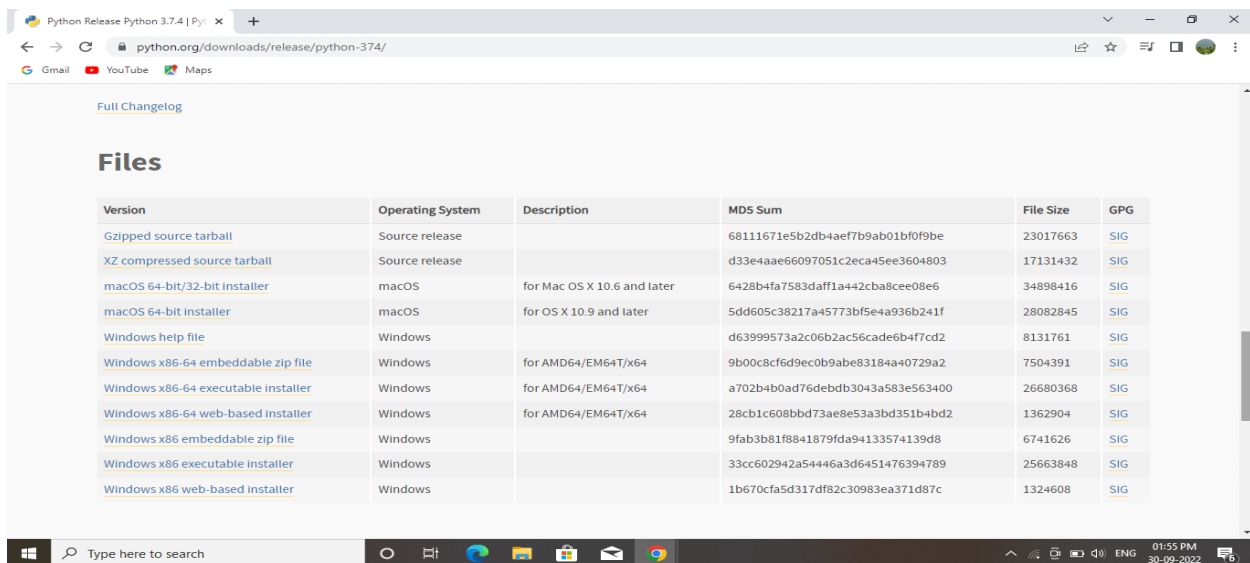
Create An Account in Fast 2 sms Dashboard

S.NO	Title of Paper	Author	JoralName & YOP	Methodology	Advantages& Disadvatage
1	Social Media for Smart Farmer-Shared Farming Equipment Moel	Hongladda Pongsuwan, Wuttipong Pongsuwan	27 July 2019	Information Management and business review (IMBR)is a double blind peer-reviewed joural editors approved by committee on publication ethics (COPE) on march 07,2011	1)One of the really good thing about this branch of farming is that it allows for soil sensing 2)It is completely impossible to operate this farming method,it is requies an understanding of robotics and ICT
2	Smart Farmer Application in Monitoring and Learing of Android - Based Rice Cultivation	A Siahaan. Rainfartawijaya	15 Nov 2018	(i)Formulate Problem (ii)Determining Goals (iii)Collect Data on system Requirements (iv)Analyze Application System (v)Test the application System	1)Farmers must know the plants to be planted to get harvests 2)The smart farming application is created by presenting relevant informations
3	A Survey on Smart Farmer Friendly Robot Using Zigbee	P.Ravt	22 Feb 2016	An Agriculture Robotics system is an Electromechanical and	1)New advanced agriculture process which includes robotic based cultivation

				artifical agent which is steered by DC motor which has four wheels	2)The result of implemented unit is also presented
4	Designing a Farmer Interface for Smart Irrigation in Developing Cuntries	A.Garba	18 Nov 2016	ACM Publishes More than 59 Scholarly Peer-reviewed Jaunals in dozens of computing and information technology disciplines	1) this paper presents an application designed for interface the farmers and the communications and control system when automated irrigation is used 2)the objective is to minimize the farmer's direct interaction with the technical apparates,design GSM communication
5	Internet Of Thing (IOT)Based Smart Farming Modular IOT Architecture	S.V	26 Feb 2021	5 Figure 4 show a block of proposed concept this function block diagram is conssting the unit of culture analysis,predictive analysis, (IOT)clouds IOT device and sensor module agri robot, and security management	1)Smart Agricultural is a batter option for growing food production,resource . management,and labour 2)The Sensors are activated for various purpose in IOT are discussed

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