

PREREQUISITES

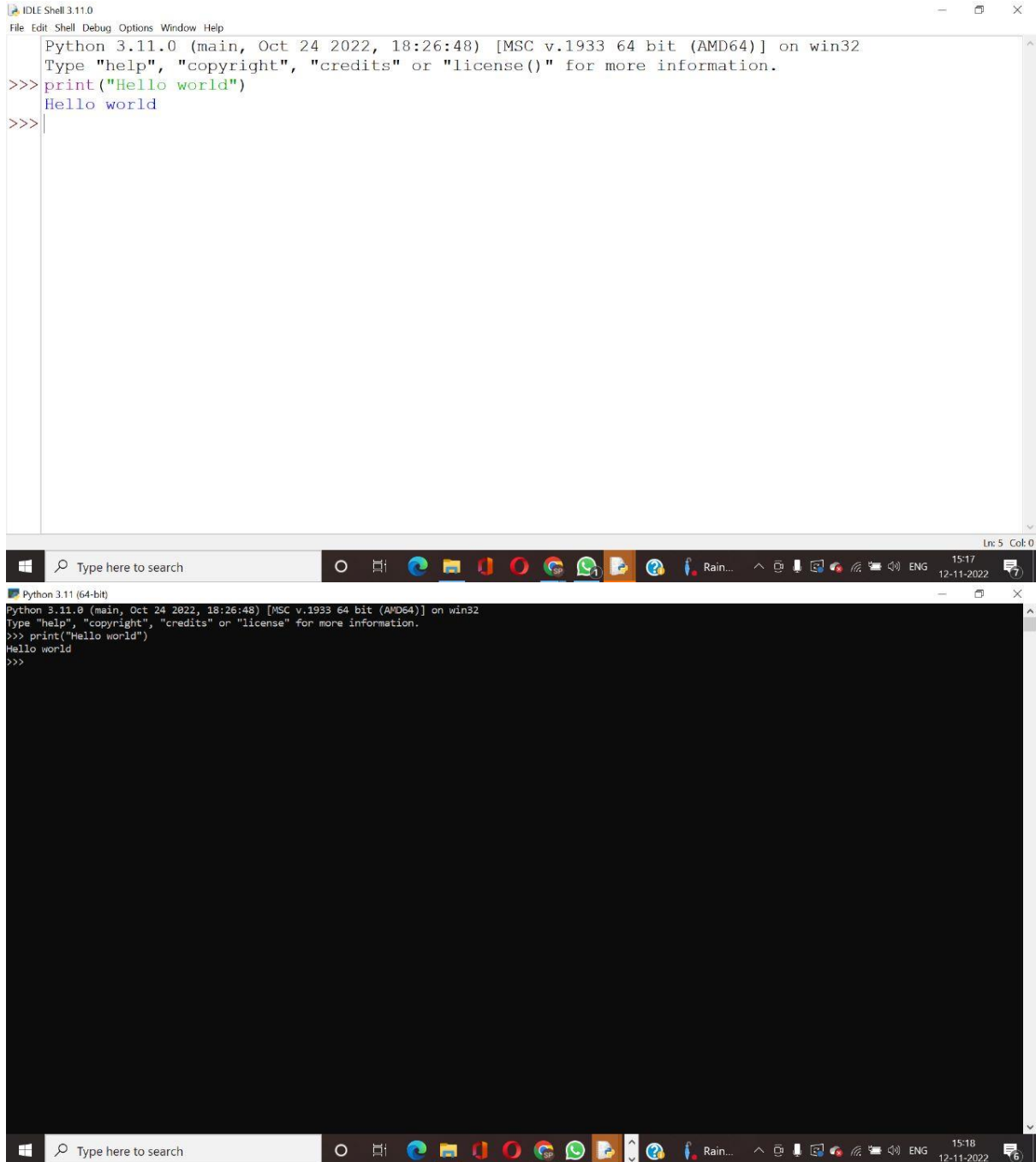
TEAM ID: PNT2022TMID54441

PROJECT NAME: IoT based smart crop protection system for
Agriculture

IBM CLOUD ACCOUNT CREATION

The image shows two screenshots of the IBM Cloud interface. The top screenshot is the 'Dashboard' page, which features a 'For you' section with several quick-start guides: 'Build' (Explore IBM Cloud with this selection of easy starter tutorials and services), 'Set up your IBM Cloud account' (Learn how to set up your IBM Cloud account, manage your account settings, organize resources, and control access to those resources), 'Get Started with Watson Studio' (Get started with using AI and Cloud Object Storage in 15 minutes), 'Build a web app with Watson Speech to Text' (Deploy a conversational interface compatible with any application, device, or channel), 'Build a data lake' (Create a data lake using Object Storage and query it in its native format with SQL Query and Watson Studio), and 'Create' (Deploy available Hat Op Cloud). The bottom screenshot is the 'Account settings' page, which displays account information: 'Account' (SRUTHI PRIYA D M's Account, ID: b994604669354869b9a703859d9f0a3d), 'Account Type' (Trial (Free), 52 days remaining in Trial), and 'Account upgrade' options (Pay-As-You-Go and Subscription). The 'Pay-As-You-Go' option includes a description: 'Add your credit card to unlock the full power of IBM Cloud with a Pay-As-You-Go account. You'll still be eligible for free runtime and service allowances, and you'll be charged only for paid services that you use. Learn more'. The 'Subscription' option includes a description: 'Get discounted pricing and increased billing predictability when you commit to a set amount of usage over time. Learn more'. A 'Need help?' link is also present.

SOFTWARE



The image displays two screenshots of a Windows desktop environment. The top screenshot shows the IDLE Shell 3.11.0 window. The window title is "IDLE Shell 3.11.0". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The shell text area shows the following text: "Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32", "Type 'help', 'copyright', 'credits' or 'license()' for more information.", ">>> print('Hello world')", "Hello world", and ">>>". The bottom screenshot shows a Windows taskbar with a search bar and several application icons. Below the taskbar is a terminal window titled "Python 3.11 (64-bit)". The terminal text is identical to the IDLE shell: "Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32", "Type 'help', 'copyright', 'credits' or 'license()' for more information.", ">>> print('Hello world')", "Hello world", and ">>>". The taskbar also shows the system clock as 15:17 on 12-11-2022.

```
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello world")
Hello world
>>>
```

```
Python 3.11 (64-bit)
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello world")
Hello world
>>>
```

ACCOUNT CREATION IN CLARIFAI

The image displays two screenshots of the Clarifai Portal interface.

Top Screenshot: The browser address bar shows `portal.clarifai.com/userconsent`. The page title is "Almost There!". It contains a form for user registration with the following fields:

- First Name:** Sakthi Sneghaa
- Last Name:** V A
- Company:** Easwari engineering college
- Job Title:** student
- Job Role:** Developer & Engineer (dropdown menu)

Below the form, a message states: "Before continuing, we require your consent to our GDPR regulations and/or Terms of Service. To proceed, please select the required checkboxes below".

Bottom Screenshot: The browser address bar shows `portal.clarifai.com/users/120shakthi/apps`. The page title is "Applications 1". It features a "CREATE APPLICATION" button and a list of applications. One application is visible:

- ID:** 4535fd7c20f946da817dce808a83226e
- my-first-application**
- Created at:** November 12, 2022

The application is represented by a red square icon with a white house and filmstrip symbol.

On the right side, a "What's New" sidebar is visible, containing two updates dated "NOVEMBER 30, 2021":

- Marketplace Model: ASR model of noisy telephone data: Wav2Vec2-Large-Robust fine-tuned on Switchboard**
Facebook's Wav2Vec2 is a fine-tuned version of the wav2vec2-large-robust model.
- Marketplace Model: ASR models of less common languages**