

SPRINT -1

TEAM ID : PNT2022TMID40213

PROJECT NAME : INDUSTRY SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

MAX MARKS : 20 MARKS

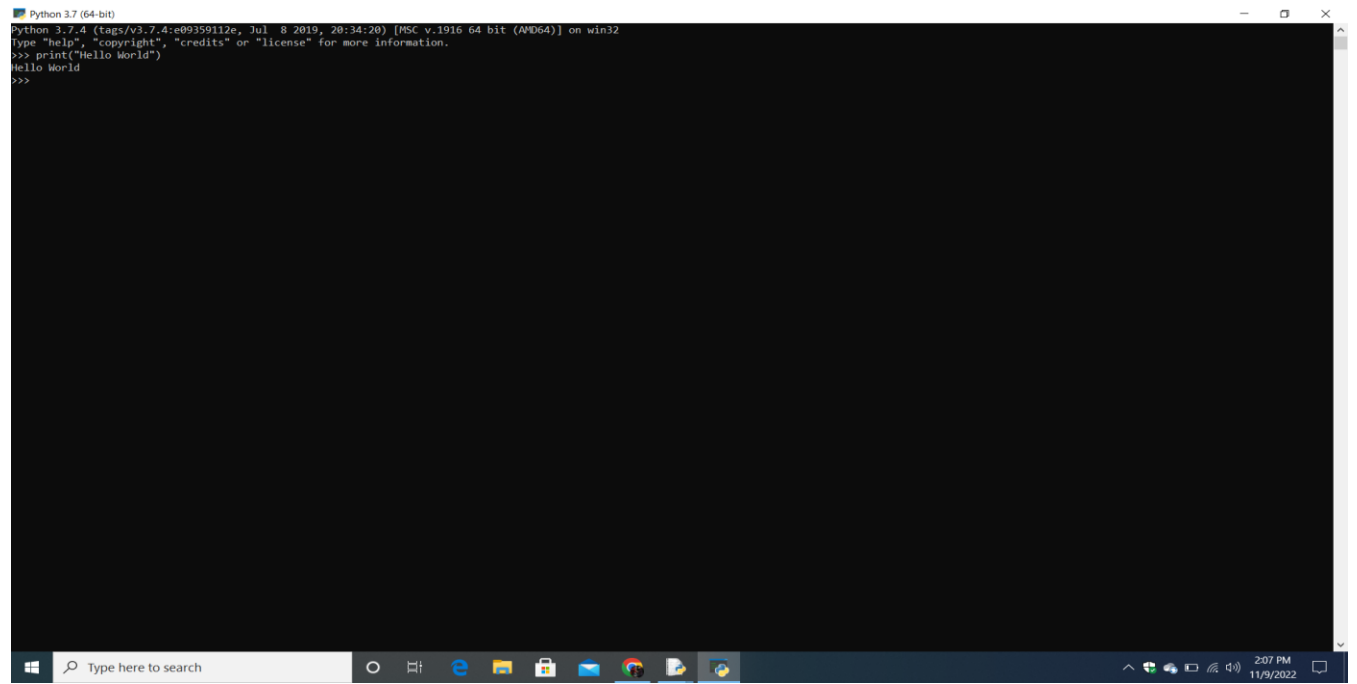
PREREQUISITES:

IBM CLOUD SERVICE:

The screenshot displays the IBM Cloud 'Resource list' page. The page header includes the IBM Cloud logo, a search bar, and user information (Lavanya S's Account). The main content area shows a table of resources, categorized by Databases, Developer tools, Logging and monitoring, Migration, Integration, and Internet of Things. The table includes columns for Name, Group, Location, Product, Status, and Tags. A 'Create resource' button is visible in the top right corner.

Name	Group	Location	Product	Status	Tags
Databases (2)					
node-red-geita-2022--cloudant-1668121...	Default	London	Cloudant	Active	-
node-red-geita-2022--cloudant-1668121... @ 8c2b417755f74581b30d99059f6547b...		London	Cloudant	Provisioned	-
Developer tools (3)					
Continuous Delivery	Default	London	Continuous Delivery	Active	-
Node RED QEITA 2022-11-10	Default	Global	Cloud Application	-	-
NodeREDQEITA2022-11-10	Default	London	Toolchain	-	-
Logging and monitoring (0)					
Migration (0)					
Integration (0+)					
Internet of Things (1)					
Internet of Things Platform-oh	Default	London	Internet of Things Platform	Active	-

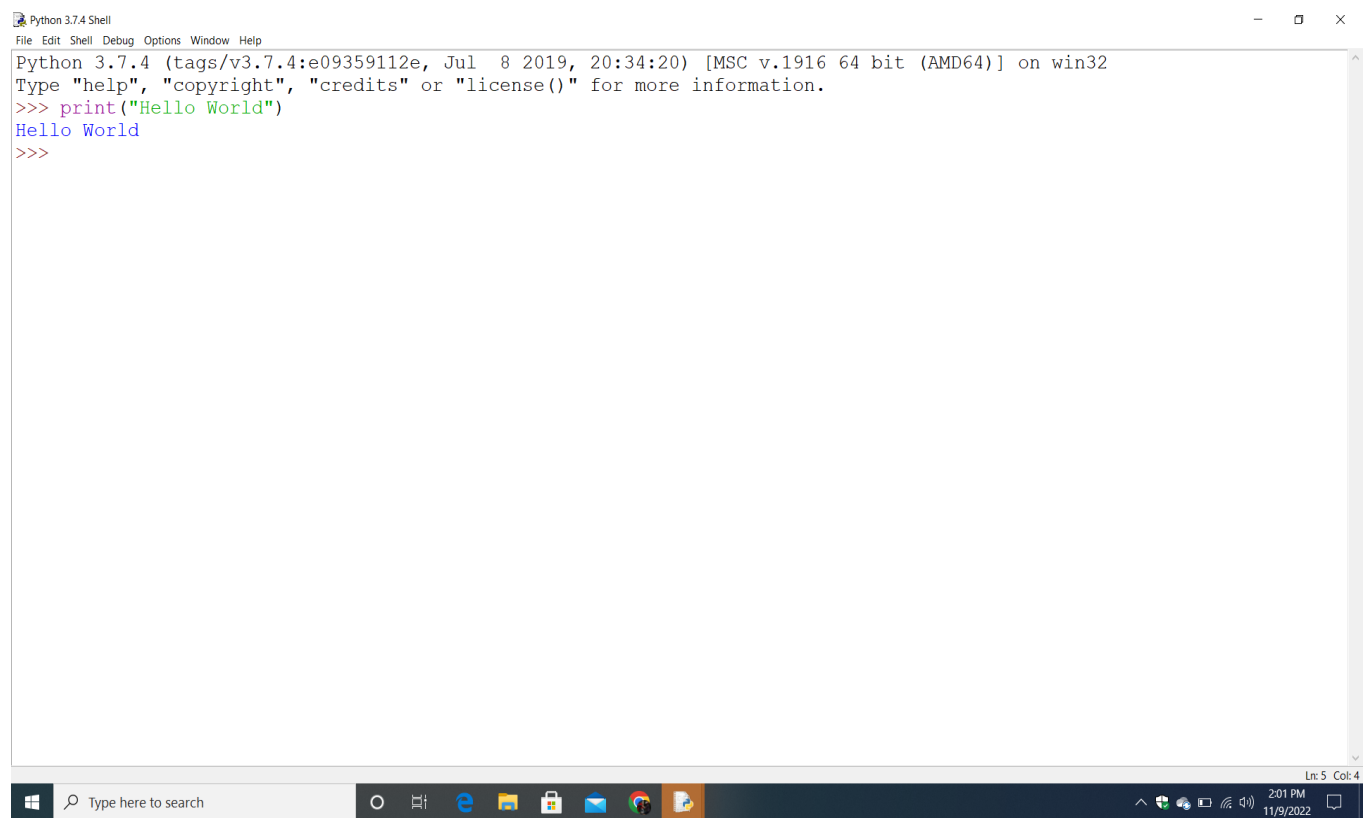
PYTHON INSTALLATION AND SAMPLE PROGRAM IS RUNNING:



A screenshot of a Windows command prompt window titled "Python 3.7 (64-bit)". The window shows the following text:

```
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello World")
Hello World
>>>
```

The Windows taskbar is visible at the bottom, showing the search bar and several application icons. The system clock in the bottom right corner indicates 2:07 PM on 11/9/2022.



A screenshot of a "Python 3.7.4 Shell" window. The window has a menu bar with "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The text in the window is as follows:

```
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello World")
Hello World
>>>
```

The code is color-coded: "print" is in purple, "Hello World" is in blue, and the prompt characters ">>>" are in green. The Windows taskbar is visible at the bottom, and the system clock shows 2:01 PM on 11/9/2022.

IBM Watson iot platform and device:

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present with the text 'Search by Device ID'. A table lists devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. One device is listed with ID 123, Status 'Disconnected', and Type 'abc'. Below the table, a detailed view for device 123 is shown, including fields for Device ID, Device Type, Date Added, Added By, and Connection Status.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
123	Disconnected	abc	Device	Nov 8, 2022 2:05 AM	

Identity	Device Information	Recent Events	State	Logs
Device ID	123			
Device Type	abc			
Date Added	Nov 8, 2022 2:05 AM			
Added By	512719106010@smartinternz.com			
Connection Status	Disconnected			

The screenshot shows the IBM Watson IoT Platform landing page. The main graphic features the word 'Things' in the center, with the text 'Collect data from' on the left and 'and make value from it' on the right. A 'Learn More' link is at the bottom. The top navigation bar includes a 'Sign in' button. The bottom of the page shows a Windows taskbar with various application icons and a system clock.

Create NODE RED service:

The screenshot shows the IBM Cloud 'Resource list' page. The browser address bar displays 'cloud.ibm.com/resources'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'Lavanya S's Account'. The main content area is titled 'Resource list' and features a table with columns: Name, Group, Location, Product, Status, and Tags. The table lists various resources, including Databases (2), Developer tools (3), Logging and monitoring (0), Migration (0), Integration (0+), and Internet of Things (1). A 'Create resource' button is visible in the top right corner.

Name	Group	Location	Product	Status	Tags
Databases (2)					
node-red-qeita-2022--cloudant-1668121...	Default	London	Cloudant	Active	—
node-red-qeita-2022--cloudant-1668121...	8c2b417755f74581b30d99059f6547b...	London	Cloudant	Provisioned	—
Developer tools (3)					
Continuous Delivery	Default	London	Continuous Delivery	Active	—
Node RED QEITA 2022-11-10	Default	Global	Cloud Application	—	—
NodeREDQEITA2022-11-10	Default	London	Toolchain	—	—
Logging and monitoring (0)					
Migration (0)					
Integration (0+)					
Internet of Things (1)					
Internet of Things Platform-oh	Default	London	Internet of Things Platform	Active	—

The screenshot shows the IBM Cloud 'App details' page for 'Node RED QEITA 2022-11-10'. The browser address bar displays 'cloud.ibm.com/developer/appservice/apps/b40ba5b-53f0-4b52-94d3-fb935857da62'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'Lavanya S's Account'. The main content area is titled 'Node RED QEITA 2022-11-10' and features a 'Details' section with fields for App URL, Source, Resource group, Deployment target, and Created. The 'Services' section shows 'Cloudant' as the selected service. The 'Deployment Automation' section shows the deployment status as 'Success'. A 'Getting started quickly' sidebar is visible on the right.

Details

App URL: <https://node-red-qeita-2022-11-10.eu-gb.mybluemix.net/>

Source: <https://eu-gb.git.cloud.ibm.com/512719106010/NodeREDQEIT...>

Resource group: Default

Deployment target: Node RED QEITA 2022-11-10

Created: 11/10/2022

Services

Cloudant

[Open dashboard](#) [Documentation](#) [API reference](#)

[Connect existing services](#) [Create service](#)

Deployment Automation

Name: NodeREDQEITA2022-11-10

Location: London

Tool integrations:

Delivery Pipelines

Name: pr-pipeline

Status: No stages detected

Name: ci-pipeline

Status: Success

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

IBM App Development

IBM Cloud Account

Node-RED : node-red-geita-2022

node-red-geita-2022-11-10.eu-gb.mybluemix.net/red/#flow/e9aa5f3789889937

YouTubeMapsGmailNode-RED on IBM...

Node-RED

Deploy

filter nodes

Flow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

range

Flow 1

msg.payload

info

Search flows

Flows

Flow 1

Subflows

Global Configuration Nodes

Flow 1

Flow "e9aa5f3789889937"

Hold down `ctrl` when you `click` on a node to add or remove it from the current selection

Type here to search

201 AM 11/10/2022

