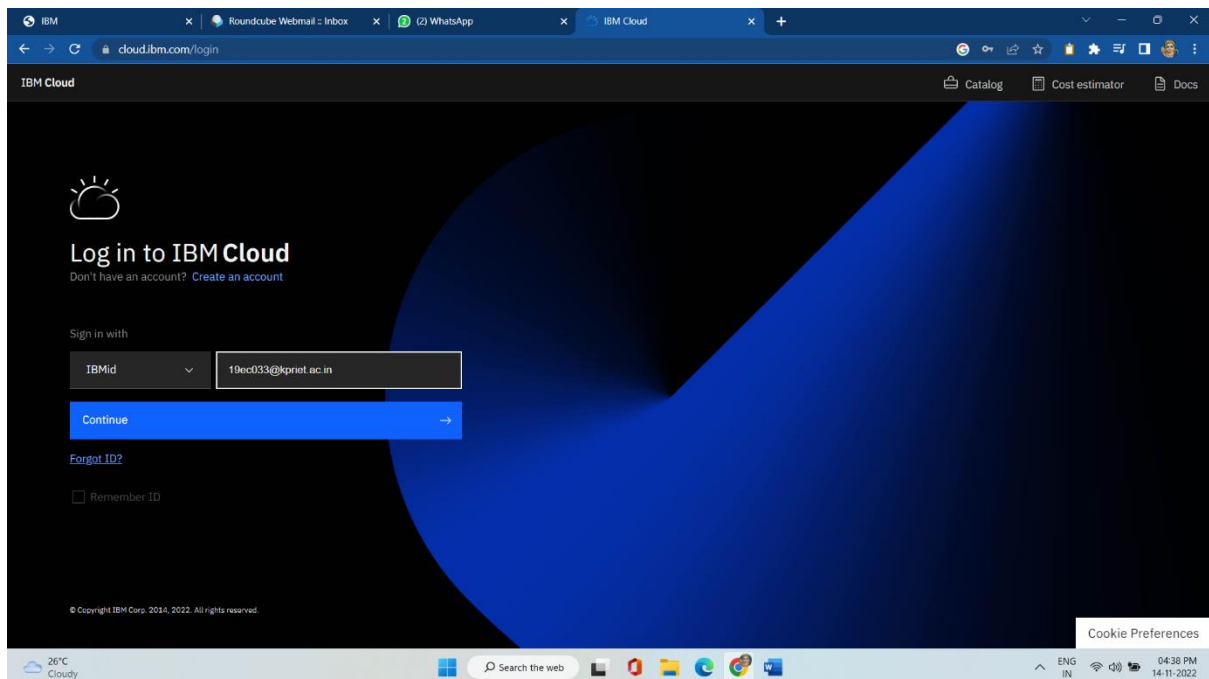


Prerequisites

You need to have basic knowledge of the following cloud services:

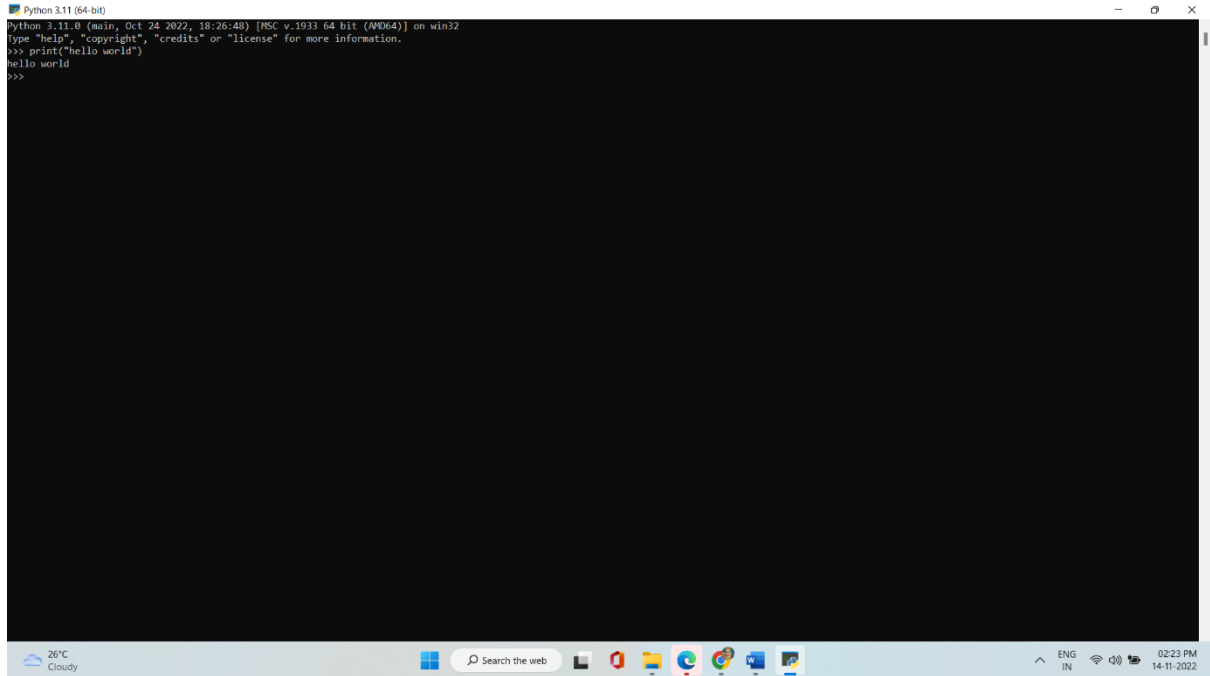
- IBM Watson IoT Platform
- Node-RED Service
- Cloudant DB

You need to create an IBM Cloud Account



Software

Install the Python IDE.



The screenshot shows a Windows 11 desktop environment. A black command prompt window titled "Python 3.11 (64-bit)" is open, displaying 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
>>>
```

The Windows taskbar is visible at the bottom, showing the Start button, a search bar with the text "Search the web", and several pinned application icons including File Explorer, Microsoft Edge, and the Task View button. The system tray on the right indicates a temperature of 26°C, a cloudy weather condition, and the time 02:23 PM on 14-11-2022.

