

# PREREQUISITES

(IBM cloud service, Software)

Date	22 October 2022
Team ID	PNT2022TMID13566
Project Name	Industry-specific intelligent fire management system
Maximum Marks	8 Marks

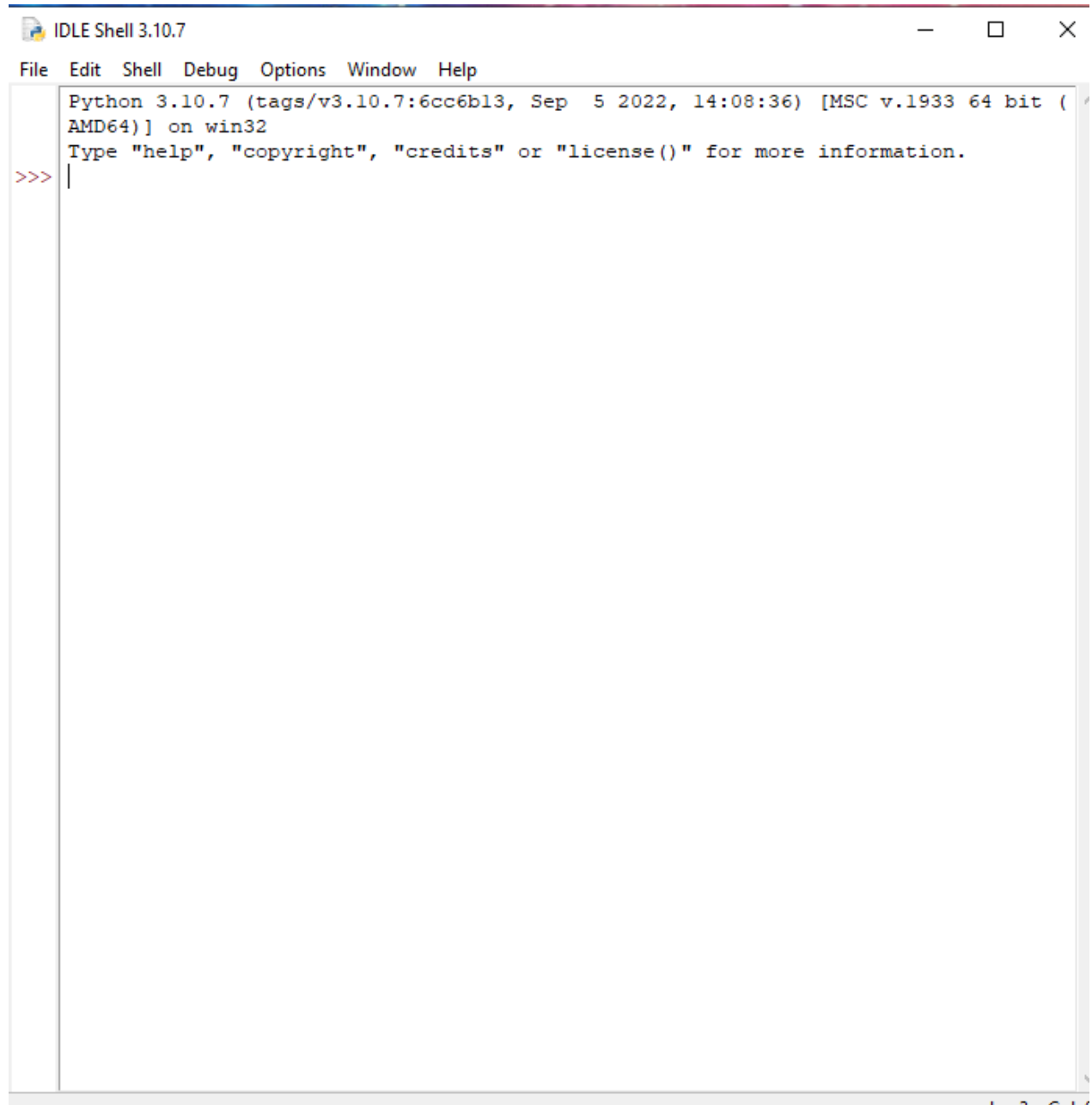
## Software:

### Python IDE:

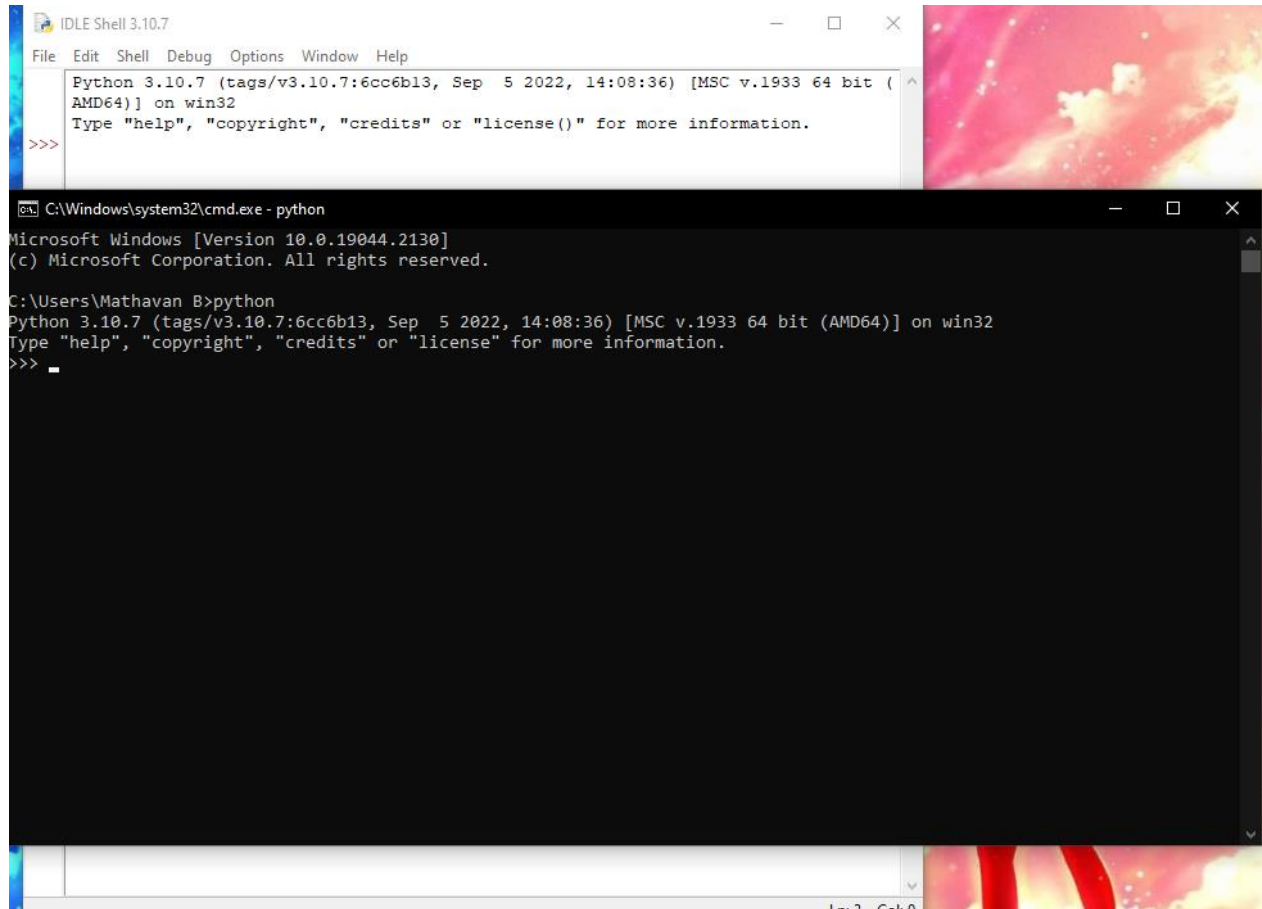
Python integrated development environments, or Python IDEs, are software platforms that provide programmers and developers with a comprehensive set of tools for software development in a single product, specifically in the Python programming language.

IDE stands for Integrated Development Environment. It's a coding tool which allows you to write, test, and debug your code in an easier way, as they typically offer code completion or code insight by highlighting, resource management, debugging tools.

## Install and setup the Python IDE



# Version of Python



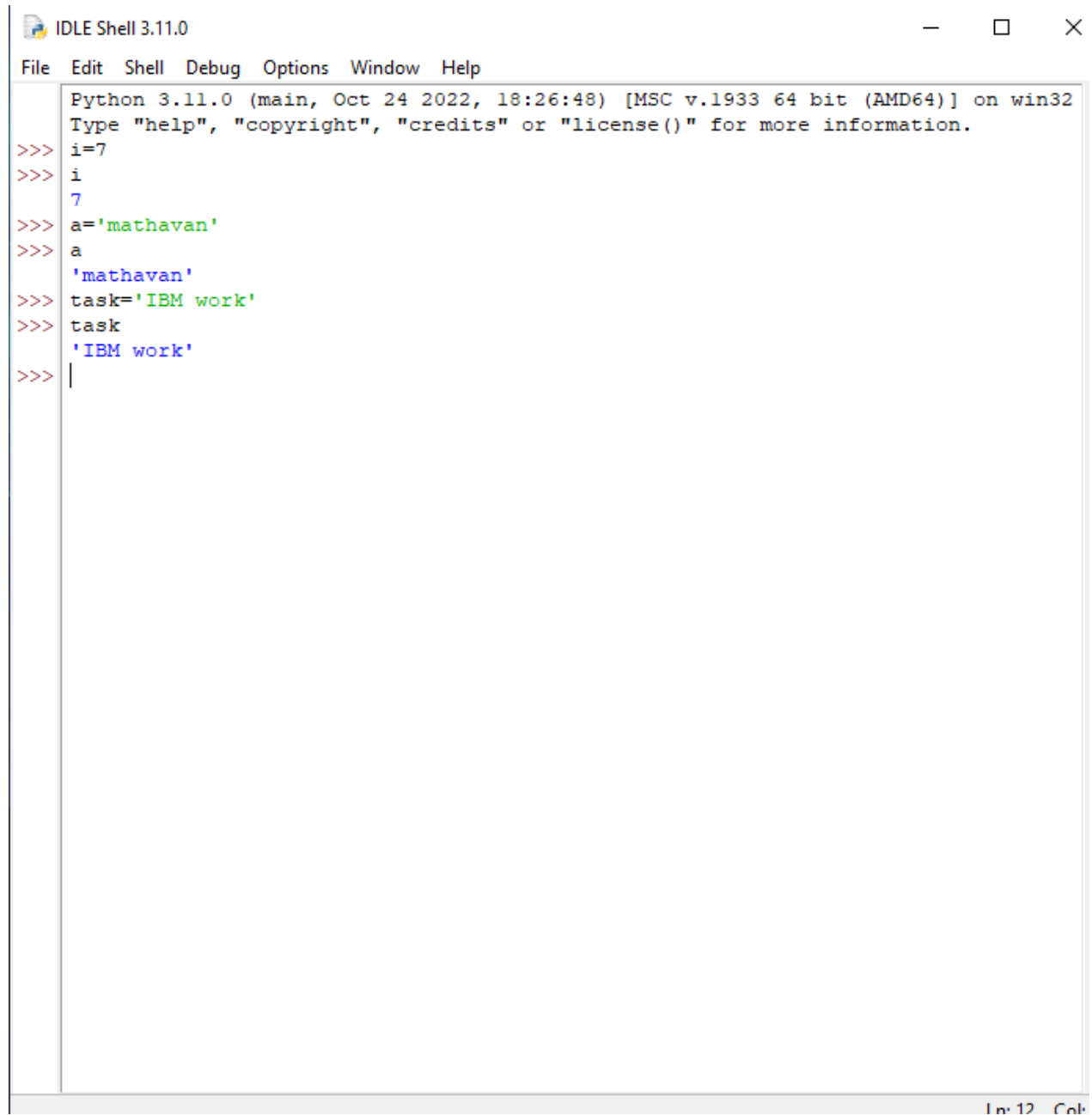
The image shows two overlapping Windows command prompt windows. The top window is titled 'IDLE Shell 3.10.7' and displays the Python 3.10.7 startup banner. The bottom window is titled 'C:\Windows\system32\cmd.exe - python' and shows the same banner after running the 'python' command. Both windows show the version as 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32.

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
```

```
C:\Windows\system32\cmd.exe - python
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mathavan B>python
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> _
```

## Example output of Python



The screenshot shows the IDLE Shell 3.11.0 window. The title bar reads "IDLE Shell 3.11.0" with standard window controls. The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area displays 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.
>>> i=7
>>> i
7
>>> a='mathavan'
>>> a
'mathavan'
>>> task='IBM work'
>>> task
'IBM work'
>>> |
```

The status bar at the bottom right indicates "Ln: 12 Col: 1".