

GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES

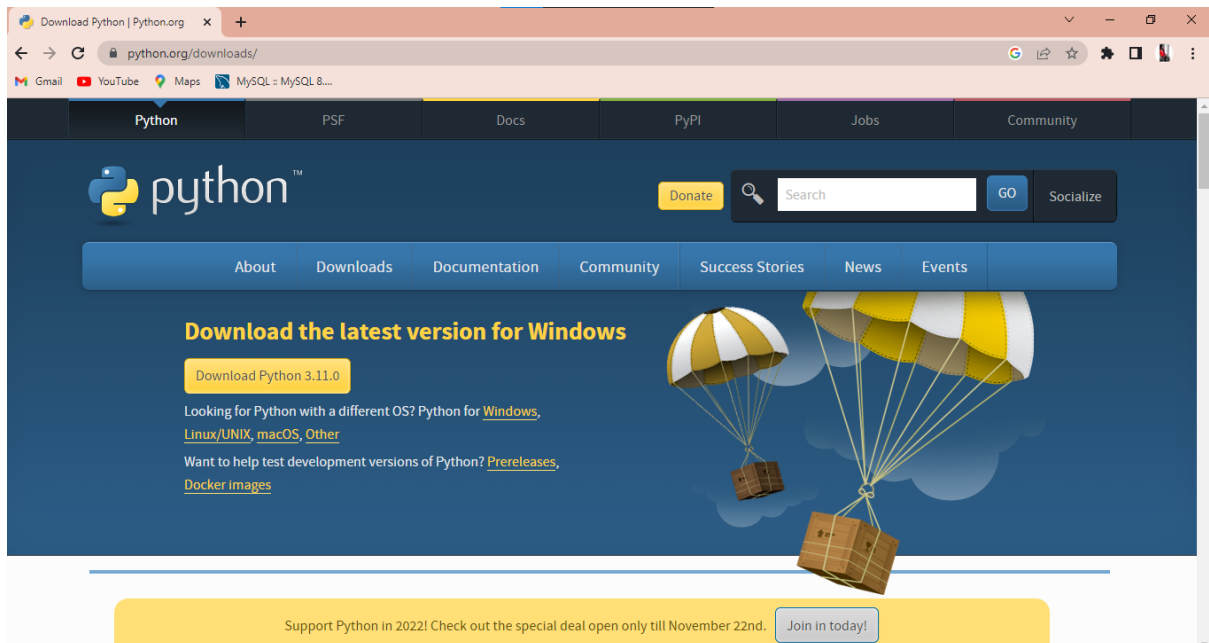
SOFTWARE:

Date	14 November 2022
Team ID	PNT2022TMID21717
Project Name	Project - Gas leakage monitoring and alerting system for industries

STEP 1:

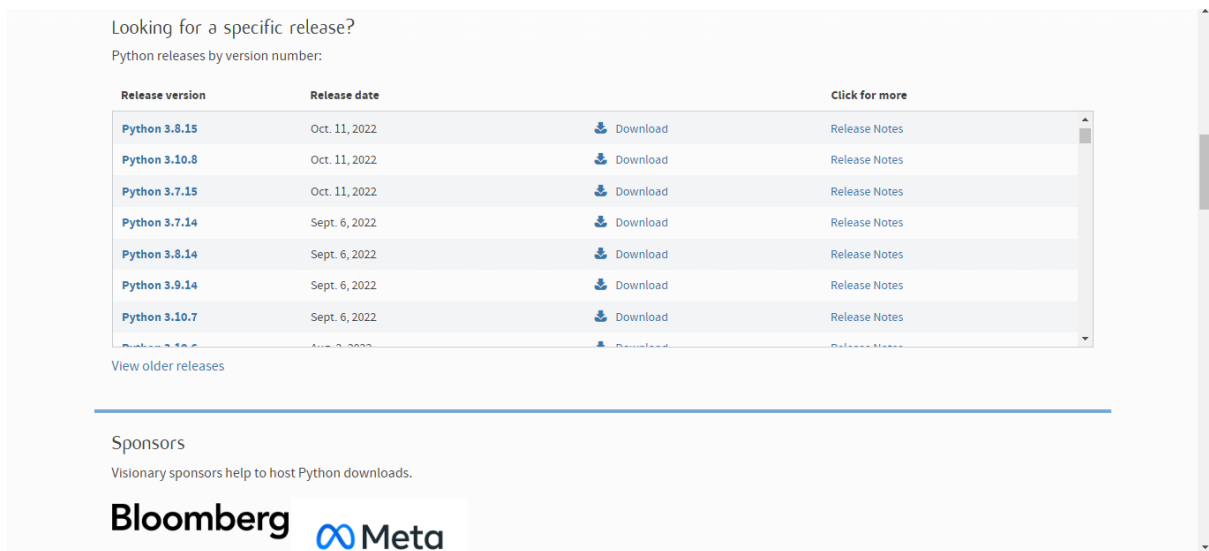
<https://www.python.org/downloads/>

Click on the above link and download python IDLE



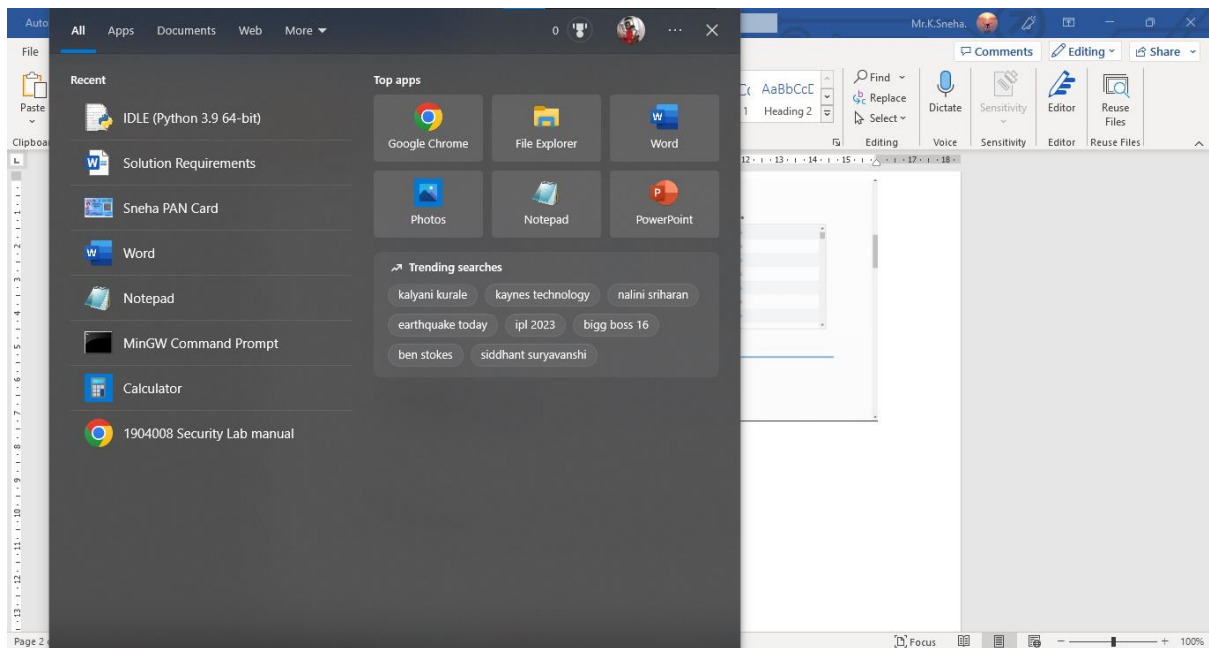
STEP 2:

Click on the specific version that is to be installed.



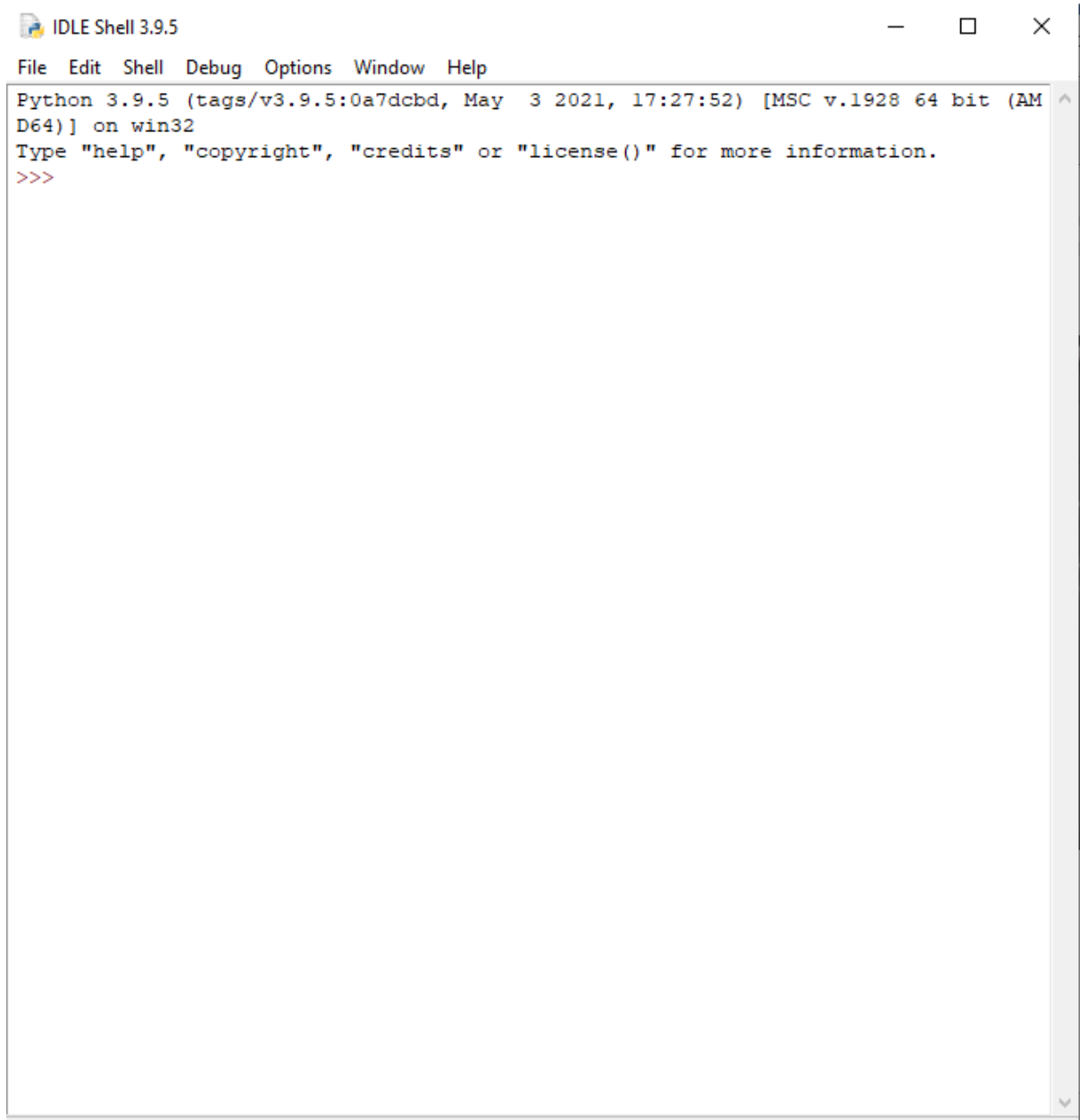
STEP 3:

After installation of 3.9 version of python we get this screen.



STEP 4:

Click on Python IDLE (3.9)

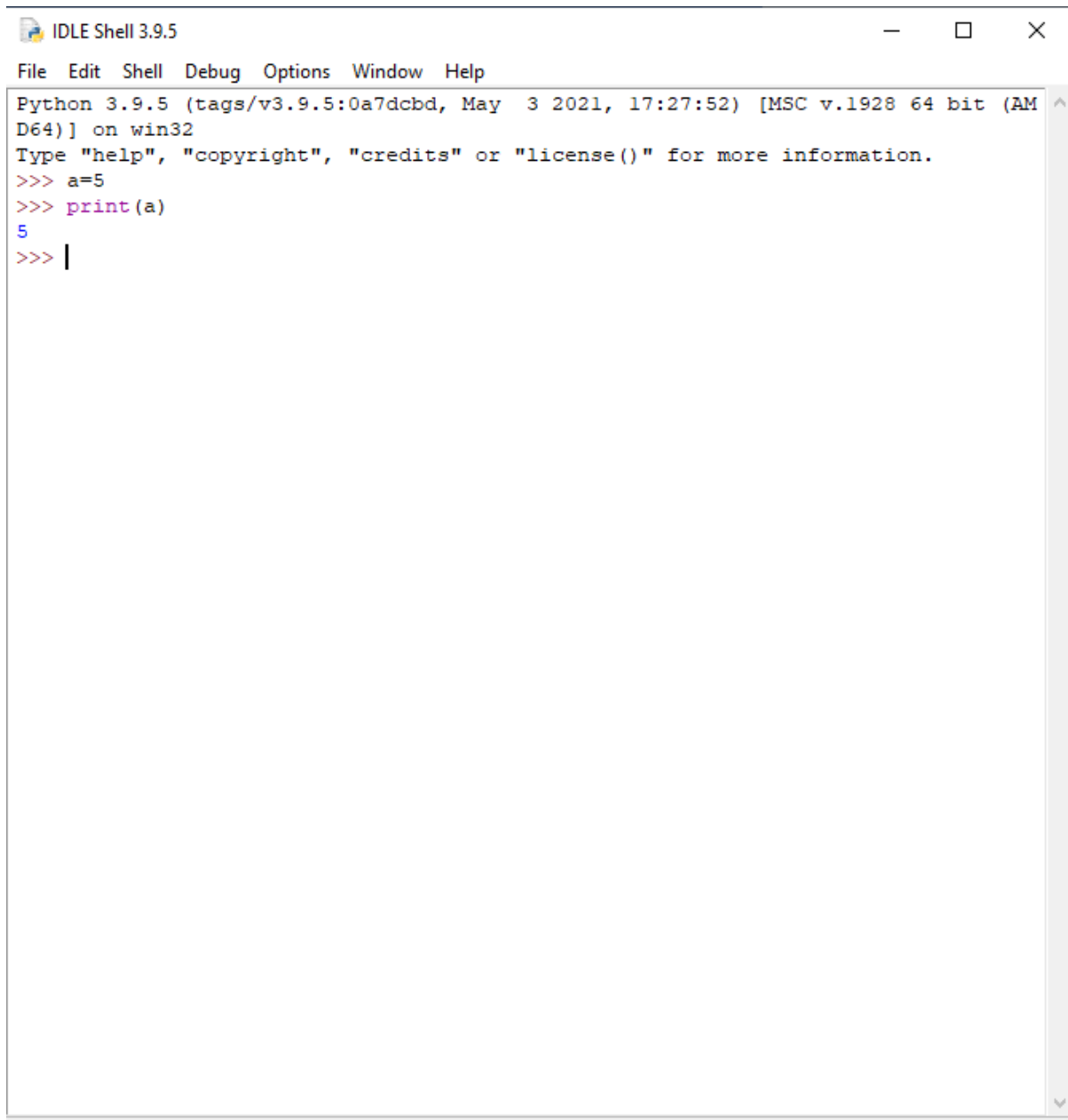


The image shows a screenshot of the IDLE Shell 3.9.5 window. The title bar at the top reads "IDLE Shell 3.9.5" and includes standard window controls (minimize, maximize, close). Below the title bar is a menu bar with the following options: File, Edit, Shell, Debug, Options, Window, and Help. The main text area displays the following information: "Python 3.9.5 (tags/v3.9.5:0a7dcbbd, May 3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32". This is followed by the instruction "Type 'help', 'copyright', 'credits' or 'license()' for more information." and the prompt ">>>" in red text. The text area has a vertical scrollbar on the right side.

```
Python 3.9.5 (tags/v3.9.5:0a7dcbbd, May 3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
```

STEP 5:

Run the python program.

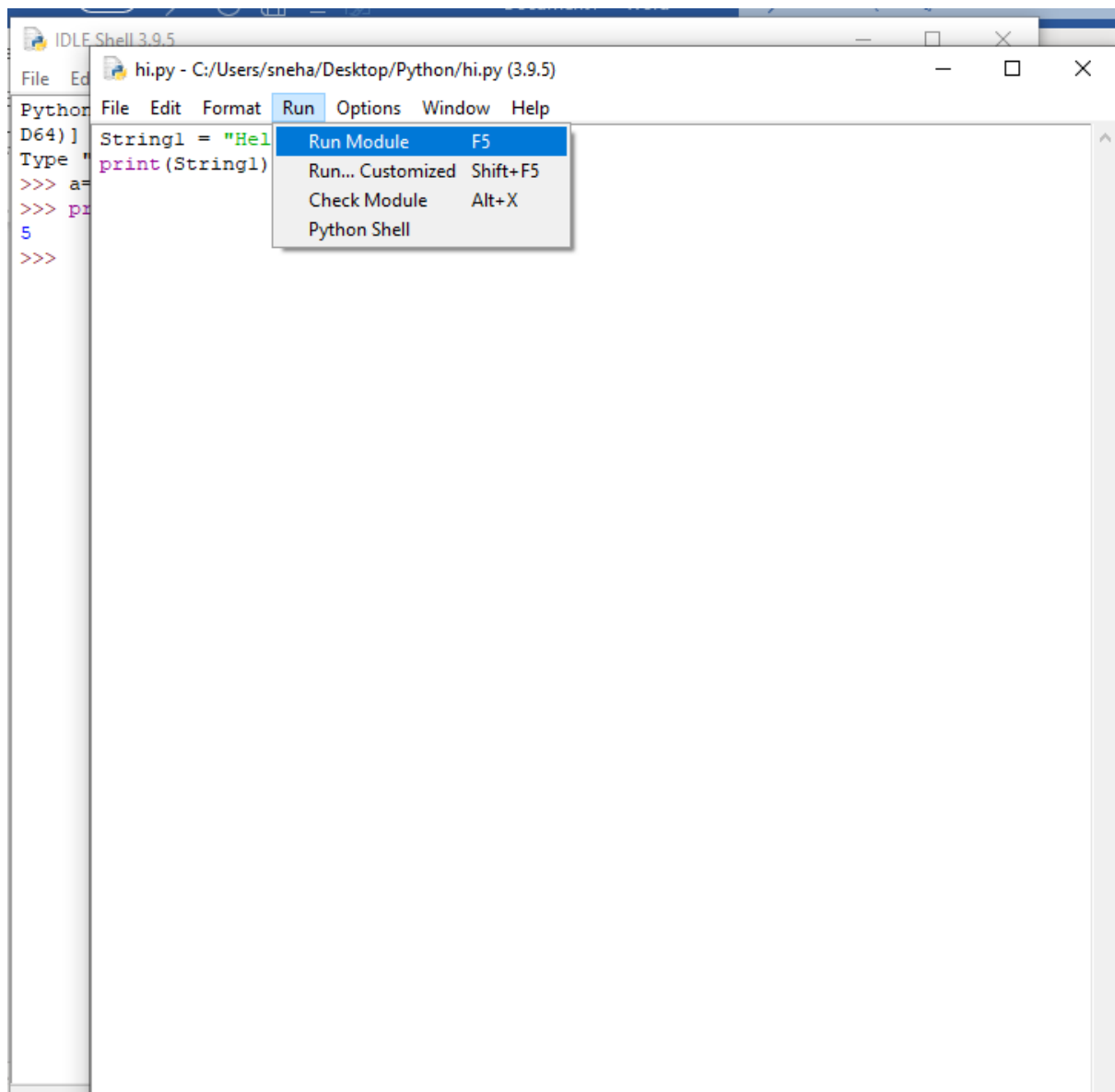
A screenshot of the IDLE Shell 3.9.5 window. The window has a title bar with the text "IDLE Shell 3.9.5" and standard window controls (minimize, maximize, close). Below the title bar is a menu bar with the following items: File, Edit, Shell, Debug, Options, Window, and Help. The main text area contains the following text:

```
Python 3.9.5 (tags/v3.9.5:0a7dcbbd, May 3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> a=5
>>> print(a)
5
>>> |
```

The text is displayed in a monospaced font. The prompt characters ">>>" are in red. The variable assignment "a=5" and the function call "print(a)" are in black. The output "5" is in blue. A vertical cursor is visible at the end of the last line. A vertical scrollbar is visible on the right side of the text area.

STEP 6:

The program can also be coded in the new folder. It can be executed using the run function.



STEP 7:

Here, the code is executed and output is shown.

