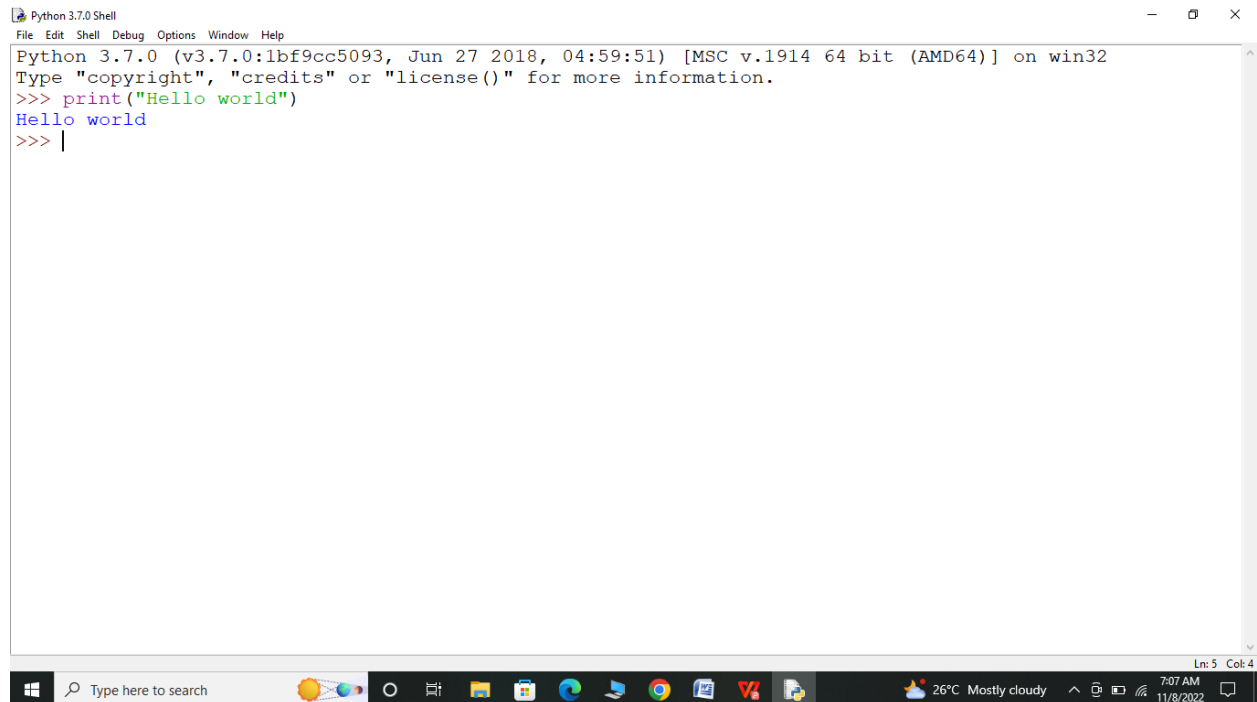


# SOFTWARE

Team ID	PNT2022TMID44448
Project Name	Project - Signs with Smart Connectivity for better Road Safety.
Team Leader	Priyadharsini.T
Team Members	Nithya.K Nandhini.R Vaidevi.M Prabhu.M
Mentor	D.Nivethini

## Download the Software Python IDLE (Version 3.7.0)

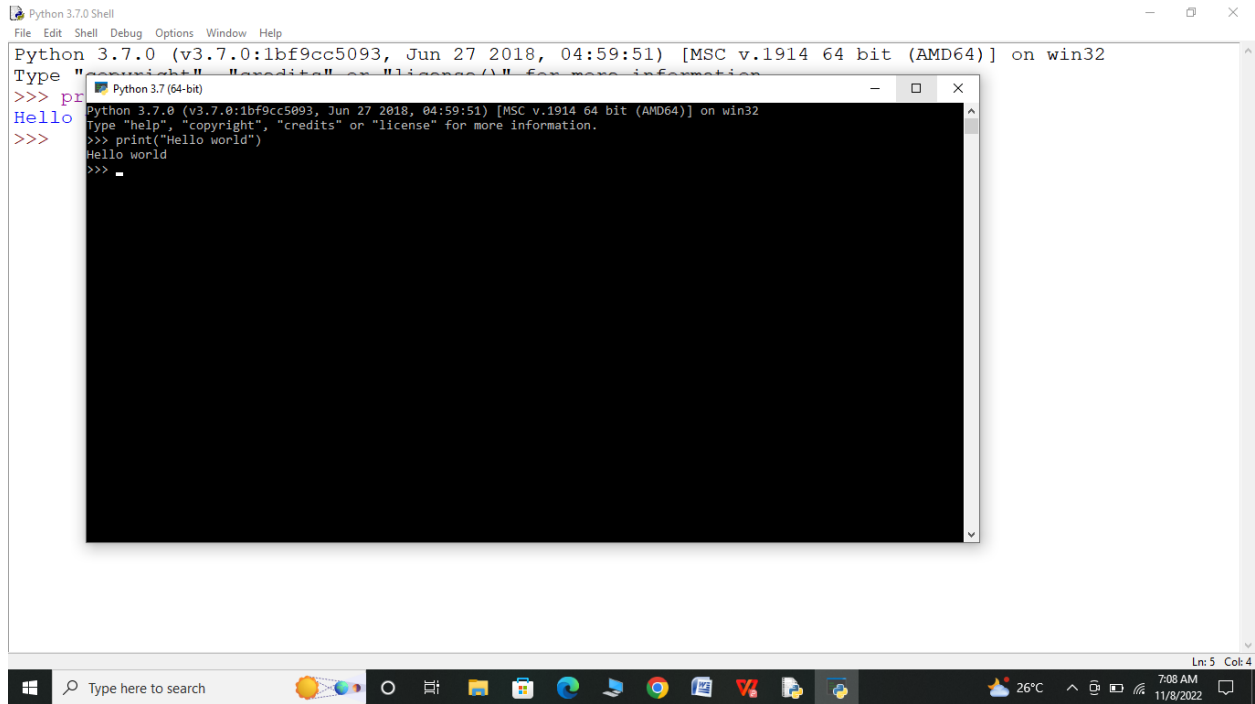


The screenshot shows a Windows desktop with a taskbar at the bottom. The taskbar includes the Start button, a search bar, and several application icons. The active window is titled "Python 3.7.0 Shell" and has a menu bar with "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The shell window displays the following text:

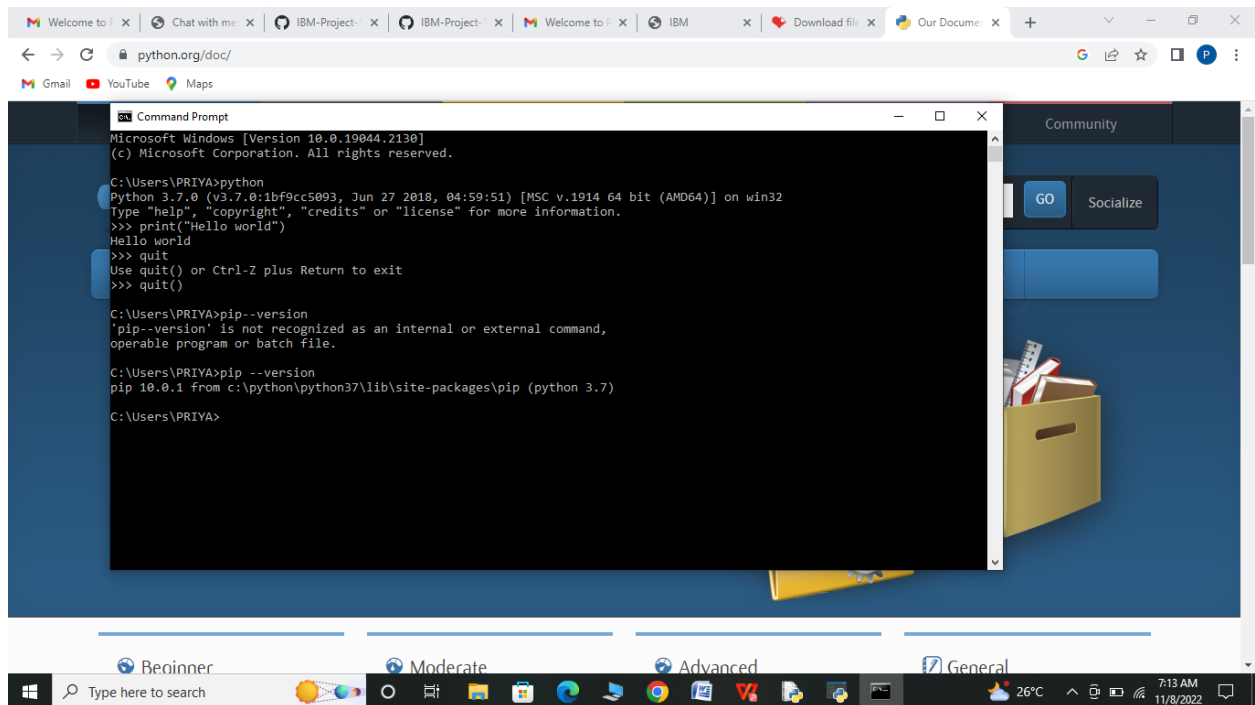
```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> print("Hello world")
Hello world
>>> |
```

The status bar at the bottom right of the window shows "Ln: 5 Col: 4". The Windows taskbar at the very bottom shows the date and time as "7:07 AM 11/8/2022" and the weather as "26°C Mostly cloudy".

# Python 3.7 ,Command Prompt (64 bit)



The screenshot shows a 'Python 3.7.0 Shell' window. Inside, there is a smaller window titled 'Python 3.7 (64-bit)'. Both windows display the same text: 'Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32', 'Type "help", "copyright", "credits" or "license()" for more information.', and a prompt '>>>' followed by 'print("Hello world")' and 'Hello world'.



The screenshot shows a web browser window with the address bar at 'python.org/doc/'. Overlaid on the browser is a 'Command Prompt' window. The Command Prompt shows the following commands and output:

```
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\PRIYA>python
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello world")
Hello world
>>> quit
Use quit() or Ctrl-Z plus Return to exit
>>> quit()

C:\Users\PRIYA>pip--version
'pip--version' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\PRIYA>pip --version
pip 10.0.1 from c:\python\python37\lib\site-packages\pip (python 3.7)

C:\Users\PRIYA>
```

The browser window in the background shows a 'Community' section with 'GO' and 'Socialize' buttons, and a yellow box icon.

# Create a fast SMS service for sending the messages and getting the API

The screenshot displays the Fast2SMS Developer API dashboard. The interface includes a sidebar with navigation options: Bulk SMS, DLT SMS, Quick SMS, Address Book, Delivery Reports, Transactions, Dev API (selected), Settings, and Help. The main content area is divided into three tabs: Dev API, API Key, and Security. The Dev API tab is active, showing a form for configuring a bulk SMS call. The form includes fields for Language (English selected), Flash Message (No selected), and Contact (9789261781). A preview box on the right shows the resulting API call details, including the GET URL, query parameters, and the overall URL.

**FAST2SMS** How Developer API Works Account Info 09:04:49 PM Priyadhars...

₹55.00 ADD CREDIT

Bulk SMS  
DLT SMS  
Quick SMS  
Address Book  
Delivery Reports  
Transactions  
Dev API  
Settings  
Help

**Dev API** API Key Security

Language  
☒ English ☐ Unicode

Flash Message  
☐ Yes ☒ No

Contact  
9789261781

**GET** <https://www.fast2sms.com/dev/bulkV2>

Query Parameter :

authorization = aQKyHU9bC6hMtweZl0Wz7FONvmX2TkdBJrPnuc8JRG3gq1Y4sileP2a9Lm8nWkrwsoP56K7DJR4YBX  
route = q  
message = Hello from smartbridge  
language = 'english'  
numbers = 9789261781  
flash = "0"

Overall URL = <https://www.fast2sms.com/dev/bulkV2?authorization=aQKyHU9bC6hMtweZl0Wz7FONvmX2TkdBJrPnuc8JRG3gq1Y4sileP2a9Lm8nWkrwsoP56K7DJR4YBX&route=q&message=Hello%20from%20smartbridge%20&language=english&flash=0&numbers=9789261781>

Type here to search 26°C 7:34 AM 11/8/2022