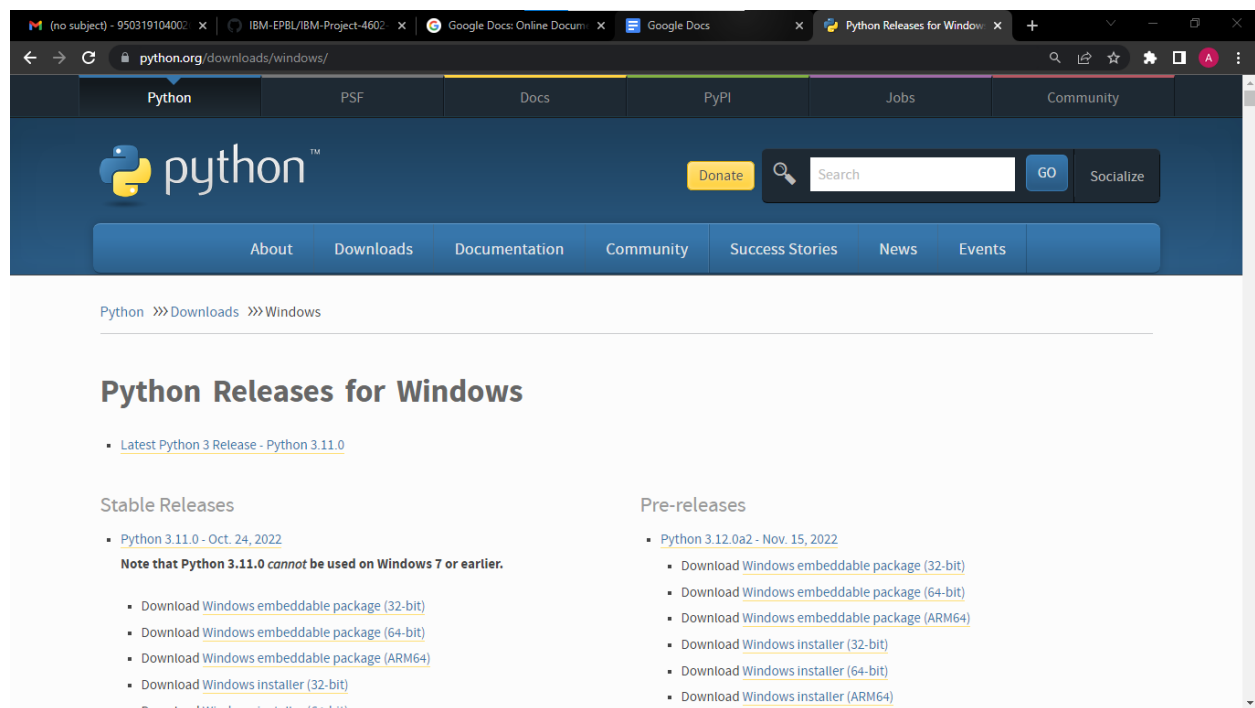


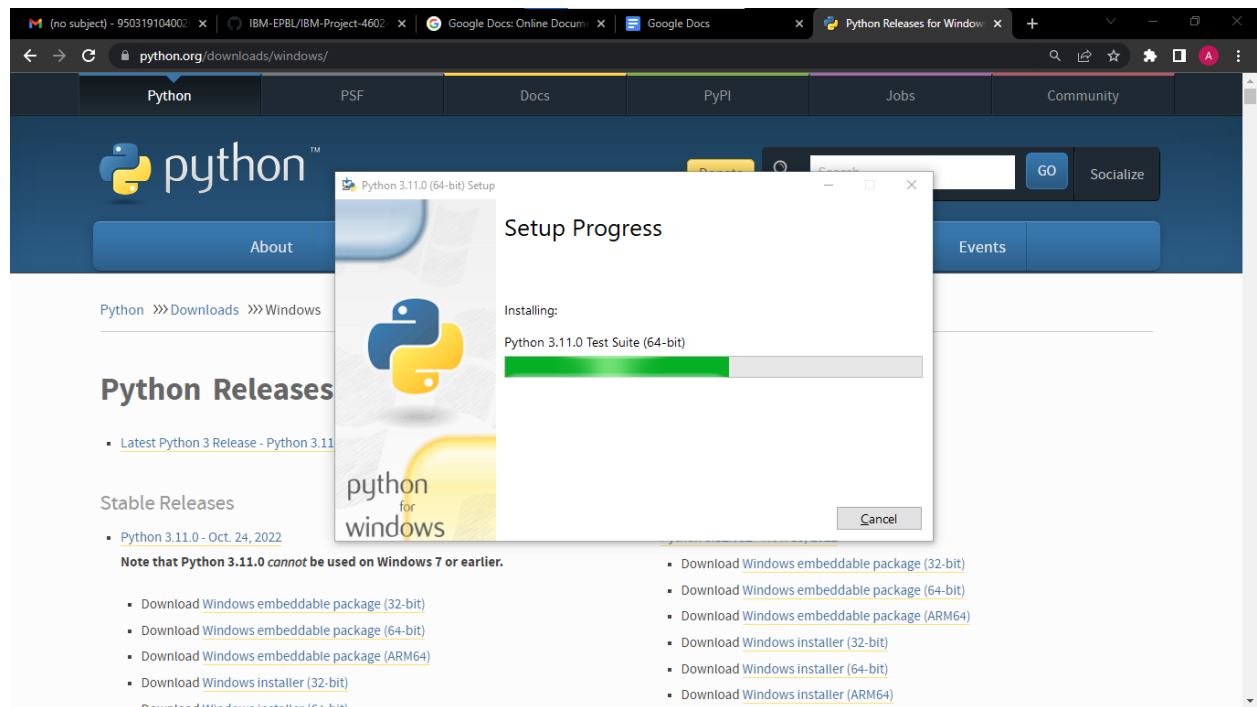
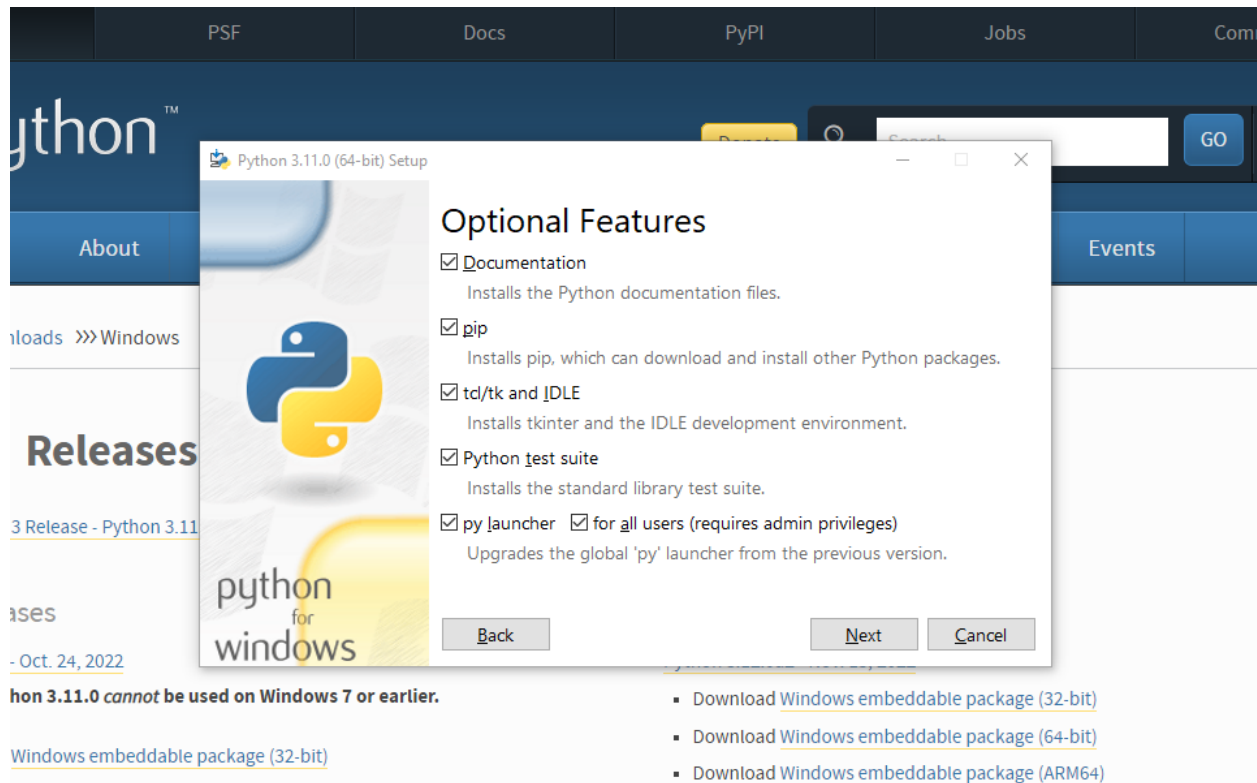
Setting up Application Environment

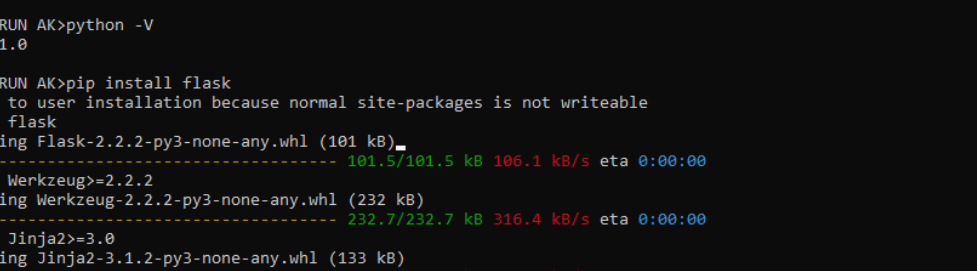
Create Flask Project

Step 1: Install Python latest version from python.org



Step 2: Install the python package.





```
C:\Users\ARUN AK>python -V
Python 3.11.0

C:\Users\ARUN AK>pip install flask
Defaulting to user installation because normal site-packages is not writeable
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
----- 101.5/101.5 kB 106.1 kB/s eta 0:00:00
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
----- 232.7/232.7 kB 316.4 kB/s eta 0:00:00
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
----- 133.1/133.1 kB 461.9 kB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
----- 96.6/96.6 kB 212.2 kB/s eta 0:00:00
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1.tar.gz (18 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
  DEPRECATION: MarkupSafe is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
```

The screenshot shows the Visual Studio Code interface with a Python file named `app.py` open. The file contains a simple Flask application that serves a 'hello' message. The terminal at the bottom shows the command `python app.py` being executed, and the output indicates that the server is running on `http://127.0.0.1:5000`. The status bar at the bottom shows the current file is `app.py` and the Python extension is active.

```

1  from flask import Flask
2
3  app = Flask(__name__)
4
5  @app.route('/')
6  def home():
7      return "hello, this is our first flask app";
8
9  if __name__ == '__main__':
10     app.run(debug = True)

```

```

PS C:\Softwares\New folder> python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 769-159-750

```

Output :

