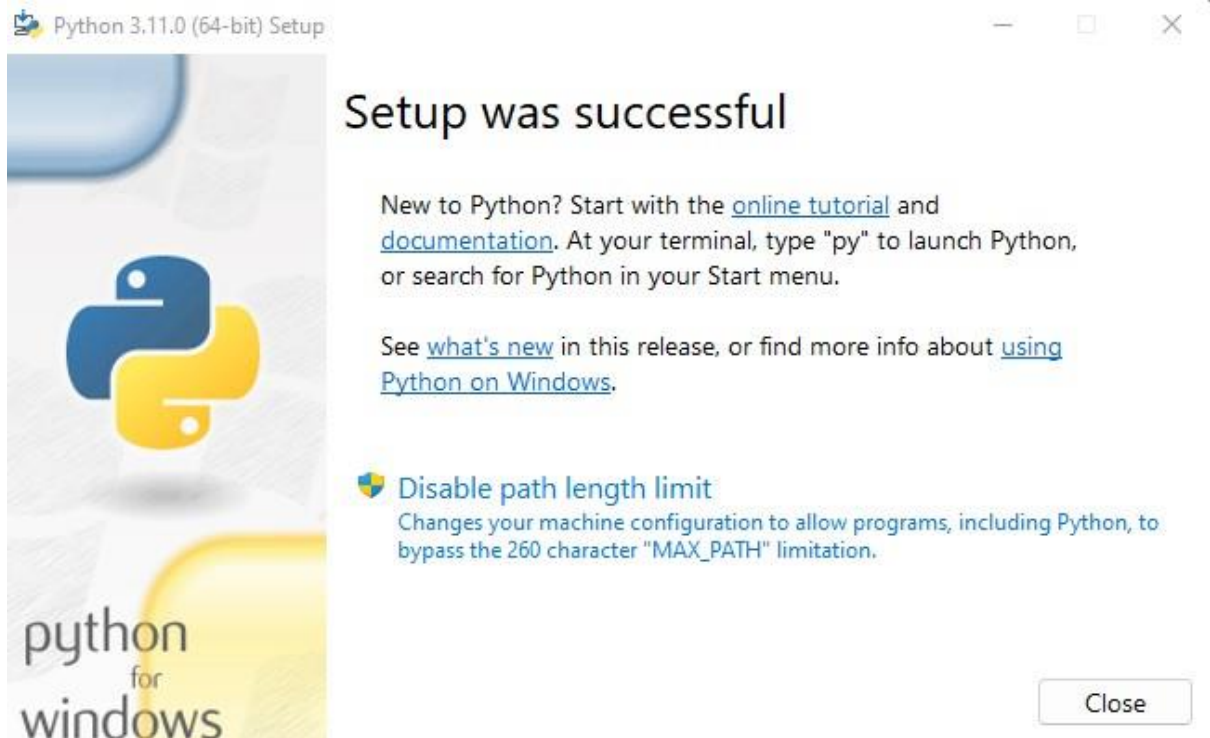**CUSTOMER CARE REGISTRY**

SETTING UP APPLICATION ENVIRONMENT

CREATE FLASK PROJECT

STEP - 01: Install Python, Pip and IDLE

STEP – 02 : Verify Installation

```
IDLE Shell 3.11.0
File  Edit  Shell  Debug  Options  Window  Help
    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.
>>> import flask
>>> flask.__version__
    '2.2.2'
>>>
```

STEP-03 : Install Flask

```
C:\WINDOWS\system32>py -m pip install flask
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
     ---------------------------------------- 101.5/101.5 kB 5.7 MB/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 1.1 MB/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 4.0 MB/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 5.8 MB/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'
alled. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be
p/issues/8559
  Running setup.py install for MarkupSafe ... done
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 itsdangerous-2.1.2

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\WINDOWS\system32>py -m flask --version
Python 3.11.0
Flask 2.2.2
Werkzeug 2.2.2
```
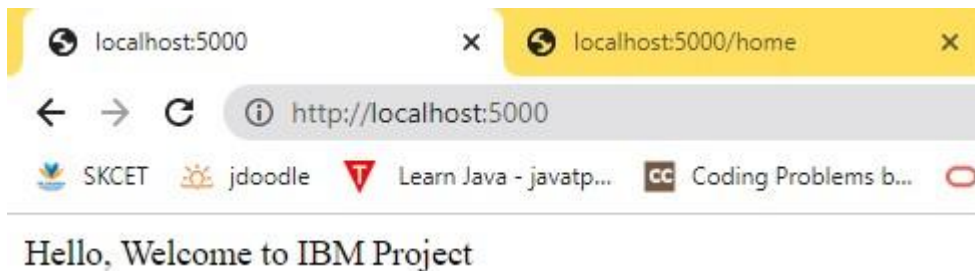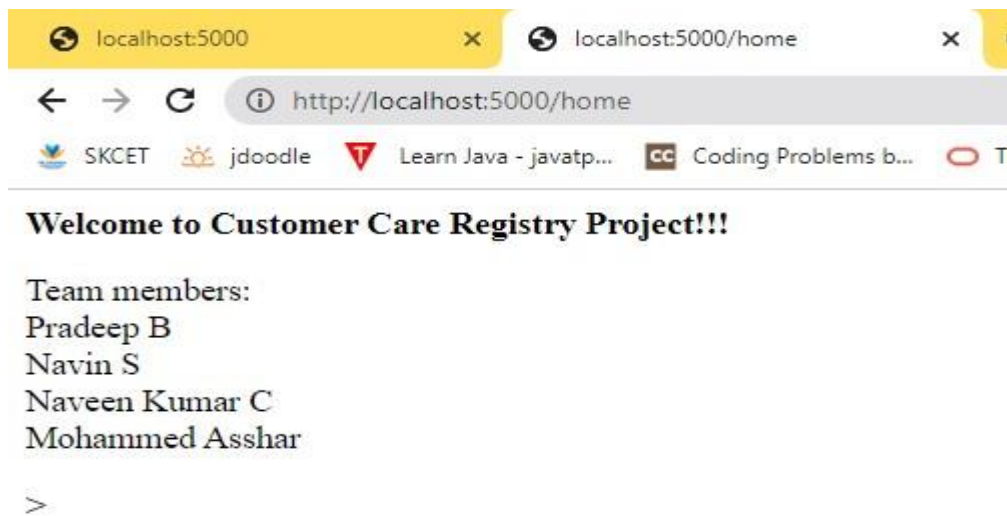
IDLE Shell 3.11.0

File Edit Shell Debug Options Window Help

```
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.
>>> import flask
>>> flask.__version__
'2.2.2'
>>>
```

STEP – 04 : CREATING FLASK PROJECT OUTPUT:
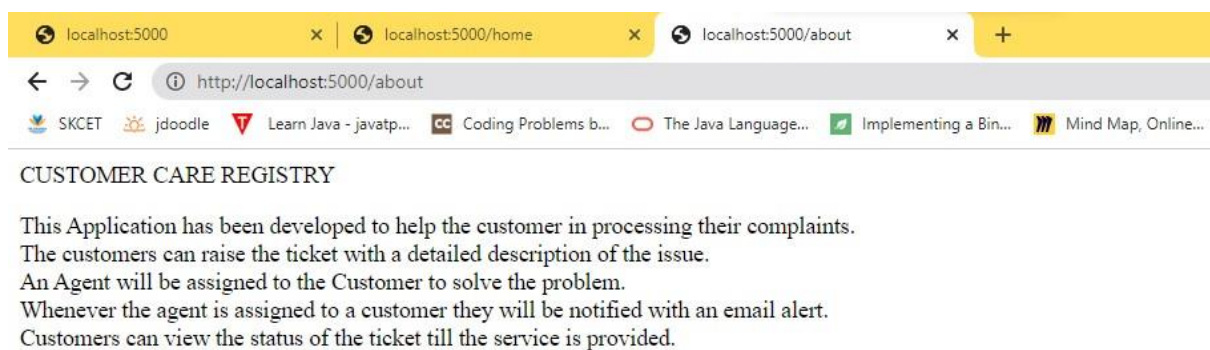
i.first page

localhost:5000   ×   localhost:5000/home   ×

← → C   ⓘ http://localhost:5000

SKCET   jdoodle   Learn Java - javatp...   Coding Problems b...

Hello, Welcome to IBM Project

ii. Home page:

iii. About us page:

```
C:\Users\HP\Desktop\IBM PROJECT\FlaskProject>flask --debug run
 * 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: 963-797-241
127.0.0.1 - - [06/Nov/2022 14:34:10] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [06/Nov/2022 14:34:16] "GET /home HTTP/1.1" 200 -
127.0.0.1 - - [06/Nov/2022 14:34:25] "GET /aboutus HTTP/1.1" 404 -
127.0.0.1 - - [06/Nov/2022 14:34:37] "GET /about HTTP/1.1" 200 -
 * Detected change in 'C:\\Users\\HP\\Desktop\\IBM PROJECT\\FlaskProject\\app.py', reloading
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 963-797-241
127.0.0.1 - - [06/Nov/2022 14:37:31] "GET /about HTTP/1.1" 200 -
127.0.0.1 - - [06/Nov/2022 14:38:11] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [06/Nov/2022 14:38:11] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [06/Nov/2022 14:39:23] "GET /home HTTP/1.1" 200 -
127.0.0.1 - - [06/Nov/2022 14:41:13] "GET /about HTTP/1.1" 200 -
127.0.0.1 - - [06/Nov/2022 14:45:49] "GET /about HTTP/1.1" 200 -
```