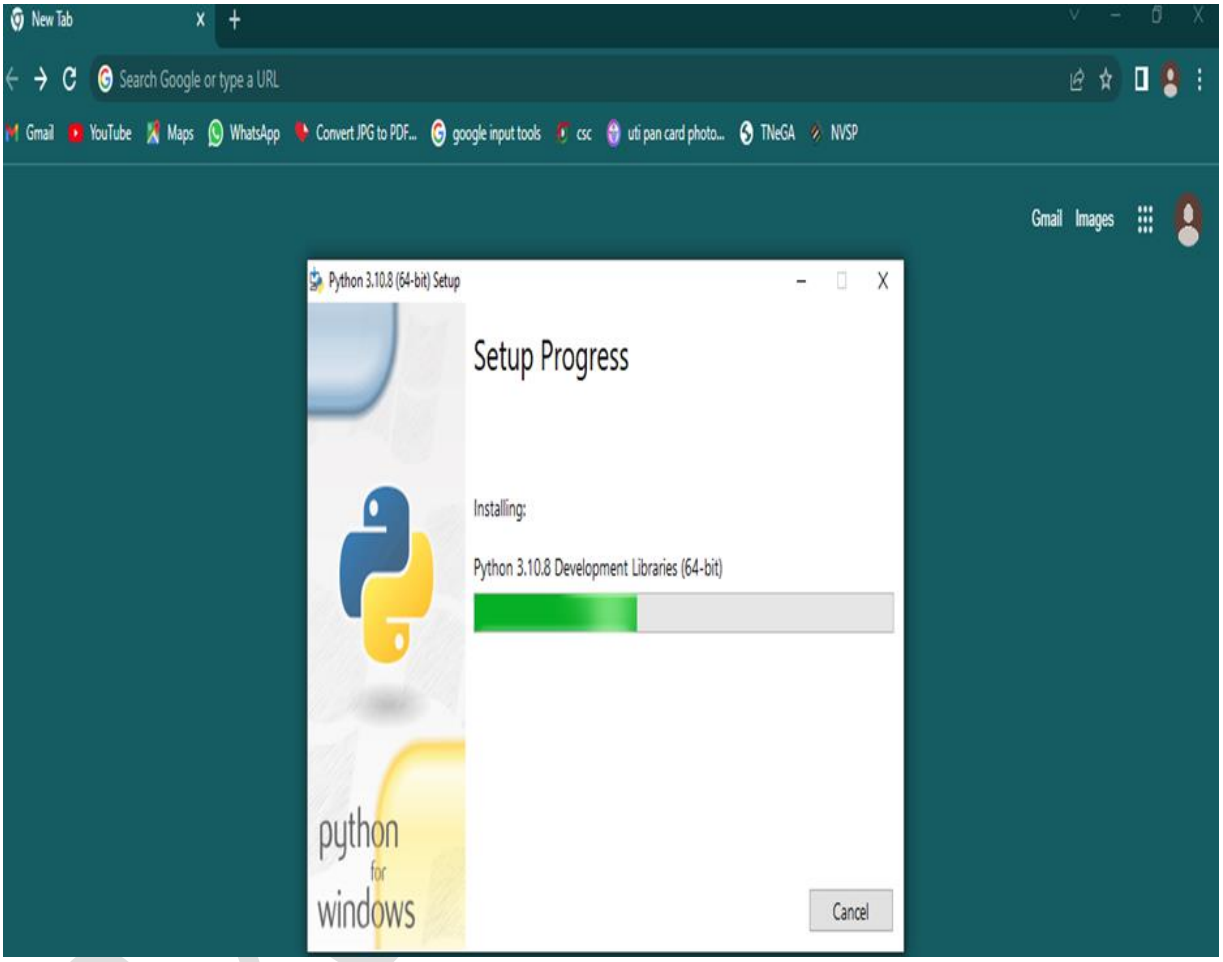
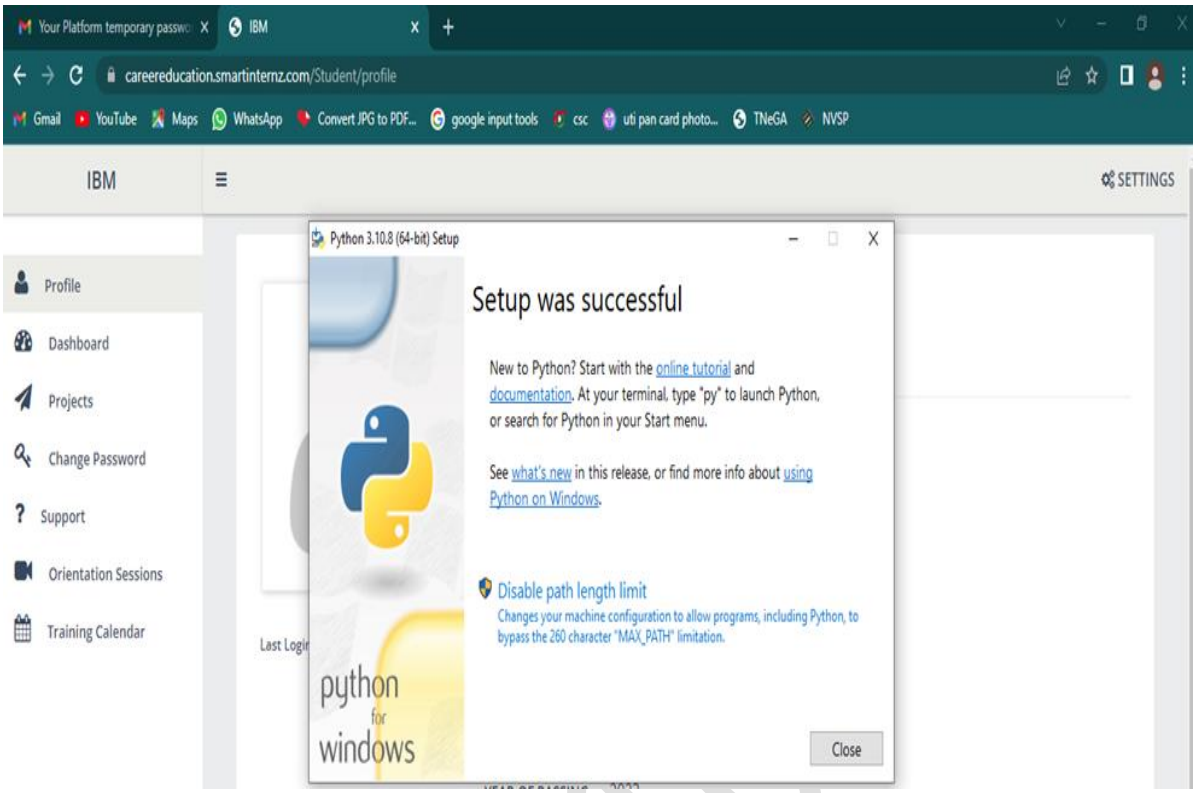
M.Ramya

Create Flask

Task 1

**Create Flask Process:**




Your Platform temporary passwo
IBM
careereducation.smartinternz.com/Student/profile
Gmail
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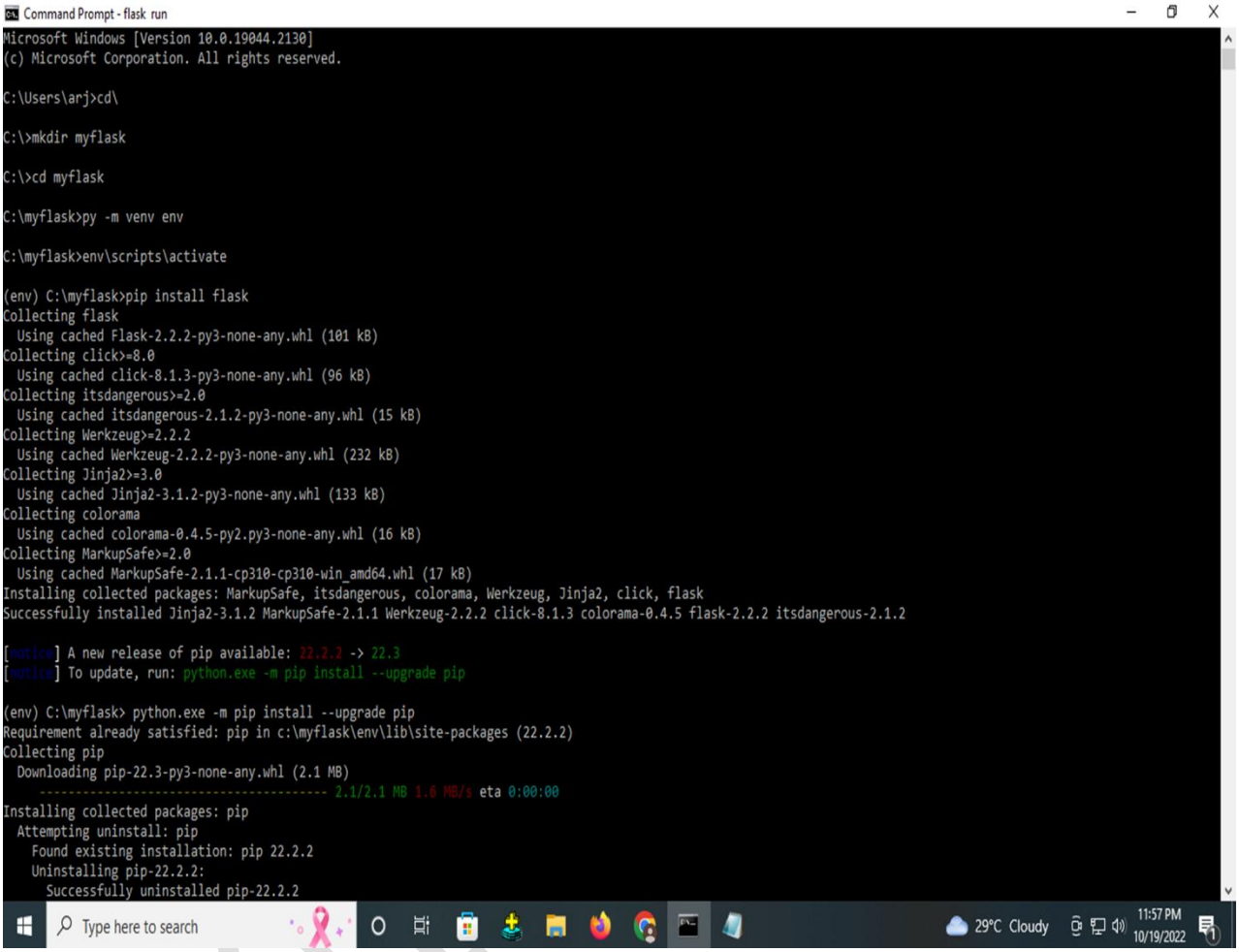
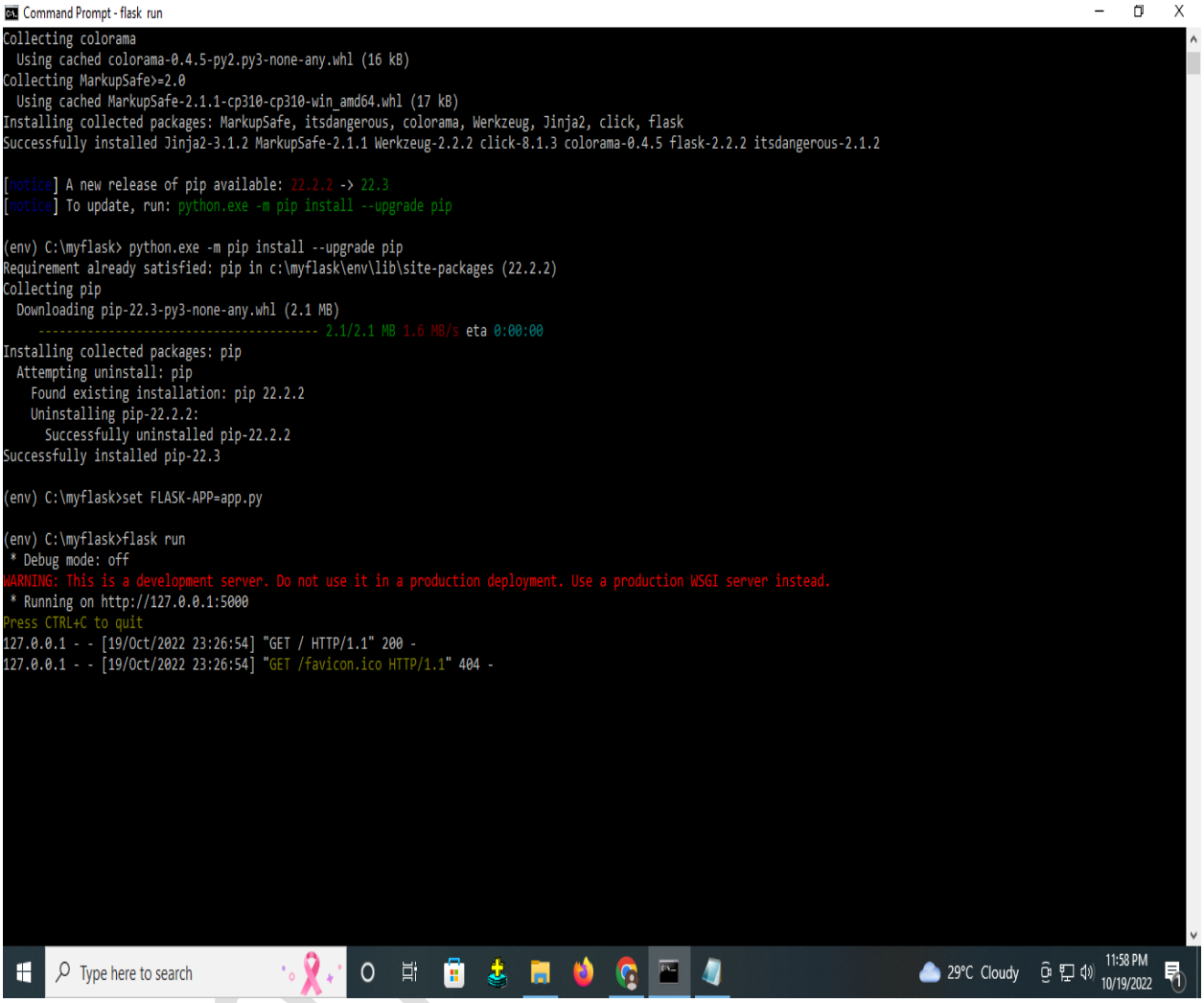
Maps
WhatsApp
Convert JPG to PDF...
google input tools
csc
uti pan card photo...
TNeGA
NVSP
IBM
SETTINGS
Profile
Dashboard
Projects
Change Password
Support
Orientation Sessions
Training Calendar
Python 3.10.8 (64-bit) Setup
Setup was successful
New to Python? Start with the online tutorial and documentation. At your terminal, type "py" to launch Python, or search for Python in your Start menu.
See what's new in this release, or find more info about using Python on Windows.
Disable path length limit
Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX_PATH" limitation.
python for windows
Close

## Flask Installation Commant Prompt:




Command Prompt - flask run
Collecting colorama
Using cached colorama-0.4.5-py2.py3-none-any.whl (16 kB)
Collecting MarkupSafe>=2.0
Using cached MarkupSafe-2.1.1-cp310-cp310-win_amd64.whl (17 kB)
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.5 flask-2.2.2 itsdangerous-2.1.2
[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: python.exe -m pip install --upgrade pip
(env) C:\myflask> python.exe -m pip install --upgrade pip
Requirement already satisfied: pip in c:\myflask\env\lib\site-packages (22.2.2)
Collecting pip
Downloading pip-22.3-py3-none-any.whl (2.1 MB)
2.1/2.1 MB 1.6 MB/s eta 0:00:00
Installing collected packages: pip
Attempting uninstall: pip
Found existing installation: pip 22.2.2
Uninstalling pip-22.2.2:
Successfully uninstalled pip-22.2.2
Successfully installed pip-22.3
(env) C:\myflask>set FLASK-APP=app.py
(env) C:\myflask>flask run
* Debug mode: off
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
127.0.0.1 - - [19/Oct/2022 23:26:54] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [19/Oct/2022 23:26:54] "GET /favicon.ico HTTP/1.1" 404 -
Type here to search
29°C Cloudy
11:58 PM
10/19/2022

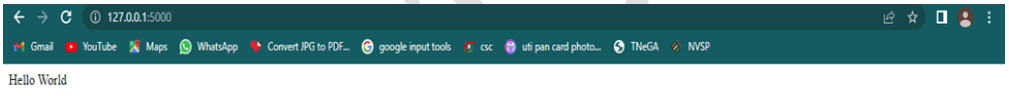
## Sample Flask Code in Notepad:

Untitled - Notepad

File Edit Format View Help

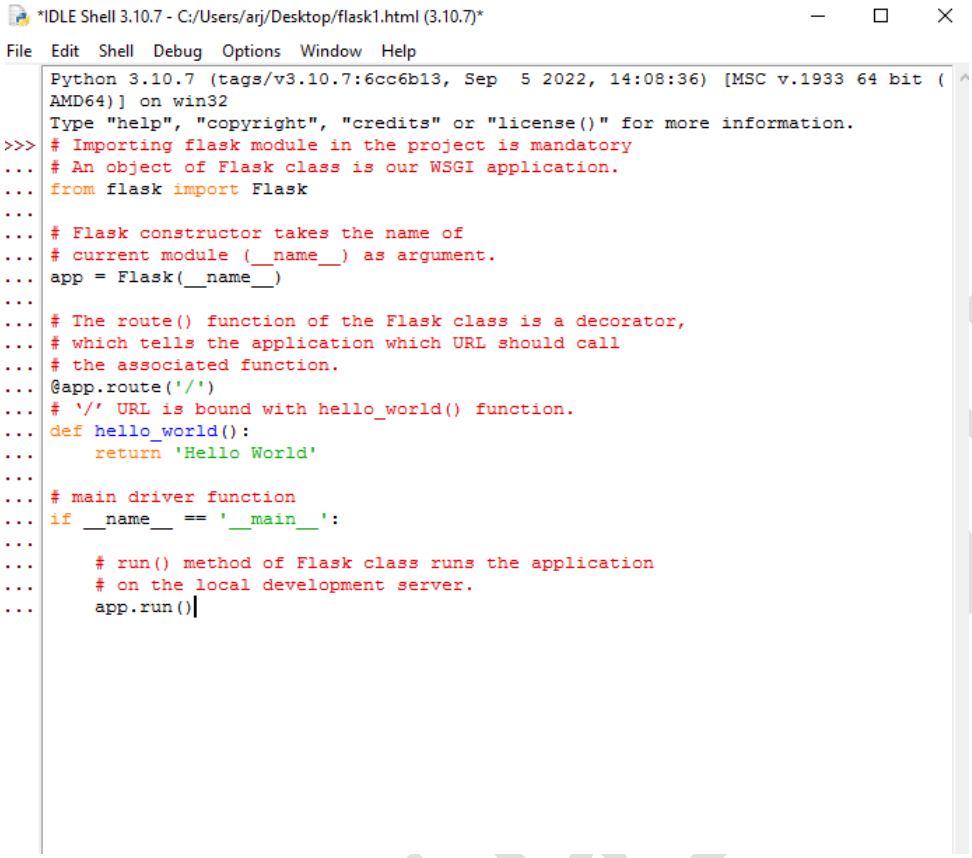
```
# Importing flask module in the project is mandatory
# An object of Flask class is our WSGI application.
from flask import Flask

# Flask constructor takes the name of
# current module (__name__) as argument.
app = Flask(__name__)

# The route() function of the Flask class is a decorator,
# which tells the application which URL should call
# the associated function.
@app.route('/')
# '/' URL is bound with hello_world() function.
def hello_world():
    return 'Hello World'

# main driver function
if __name__ == '__main__':

    # run() method of Flask class runs the application
    # on the local development server.
    app.run()
```

## Sample Code Output:




Hello World

## Sample code in idle:




## Idle Output: