

## SETTING UP APPLICATION ENVIRONMENT

### CREATE FLASK PROJECT

Date	19 Nov 2022
Team ID	PNT2022TMID07992
Project Name	News tracker applications
Maximum Marks	8 Marks

The image shows the Visual Studio Code interface with the following components:

- File Explorer (Left):** Shows the project structure with 'app.py' selected under 'OPEN EDITORS'.
- Main Editor:** Displays the code for 'app.py' with line numbers 1 through 11. The code includes imports for 'Flask' and 'app Flask', a route definition for '/', and a main block.
- Terminal (Bottom):** Shows the execution of 'python app.py' and the output of the Flask application, displaying 'Welcome to IBM!'.

```
1 from CREATE FLASK PROJECT import Flask
2
3 app Flask( name )
4
5 @app.route("/")
6 def home():
7     return '<h1> welcome to IBM</h1>'
8
9 if __name__ == '__main__':
10     app.run(debug=True)
11
```

Terminal Output:

```
code, fname = get_code_from_file(run_name, path_name)
File "C:\Users\Kalaipriyan\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\_vendored\pydevd\_pydevd_bundle\pydevd_runpy.py", line 294, in get_code_from_file
code = compile(f.read(), fname, 'exec')
File "C:\Users\Kalaipriyan\OneDrive\Documents\IBM PROJECT\SETTING UP APPLICATION ENVIRONMENT\CREATE FLASK PROJECT\app.py", line 1
```

## FLASK

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\admin\Desktop\python> & 'C:\Program Files\Python310\python.exe' 'c:\Users\admin\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '50256' '--' 'c:\Users\admin\Desktop\python\flask\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: 882-217-924
127.0.0.1 - - [27/Oct/2022 23:51:01] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [27/Oct/2022 23:51:01] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [27/Oct/2022 23:51:31] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [27/Oct/2022 23:51:31] "GET /favicon.ico HTTP/1.1" 404 -

```