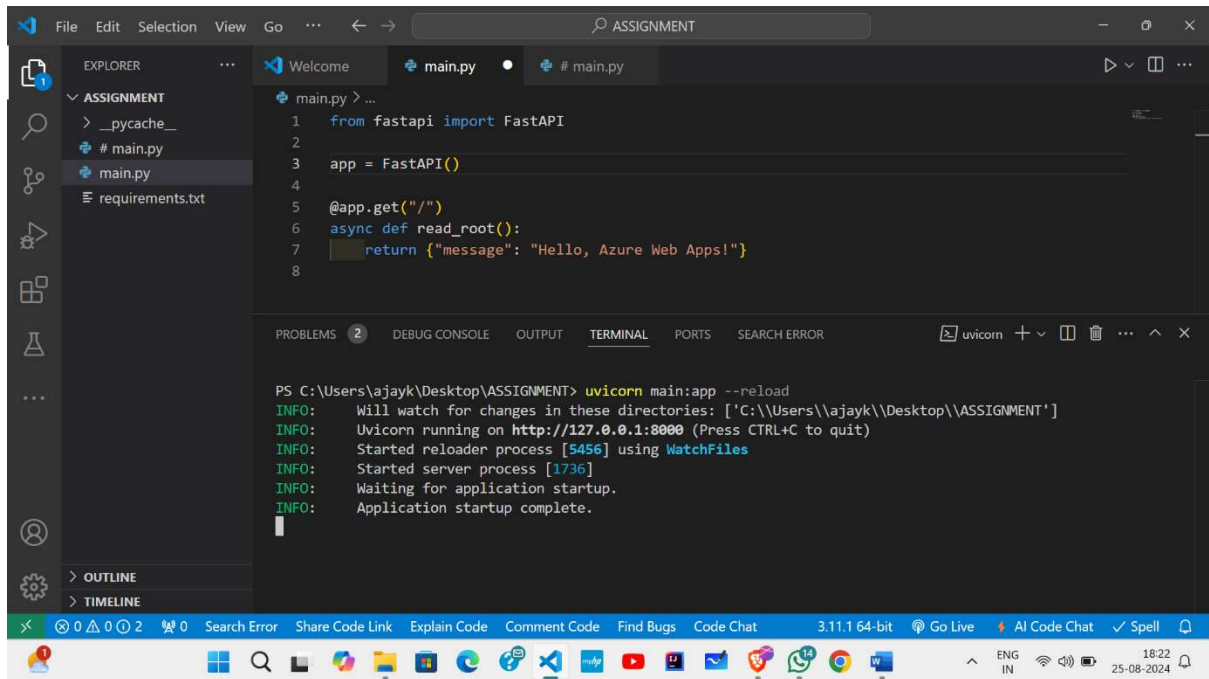


ASSIGNMENT

1. MAKING A FLASK API AND GIVE NAME `main.py`

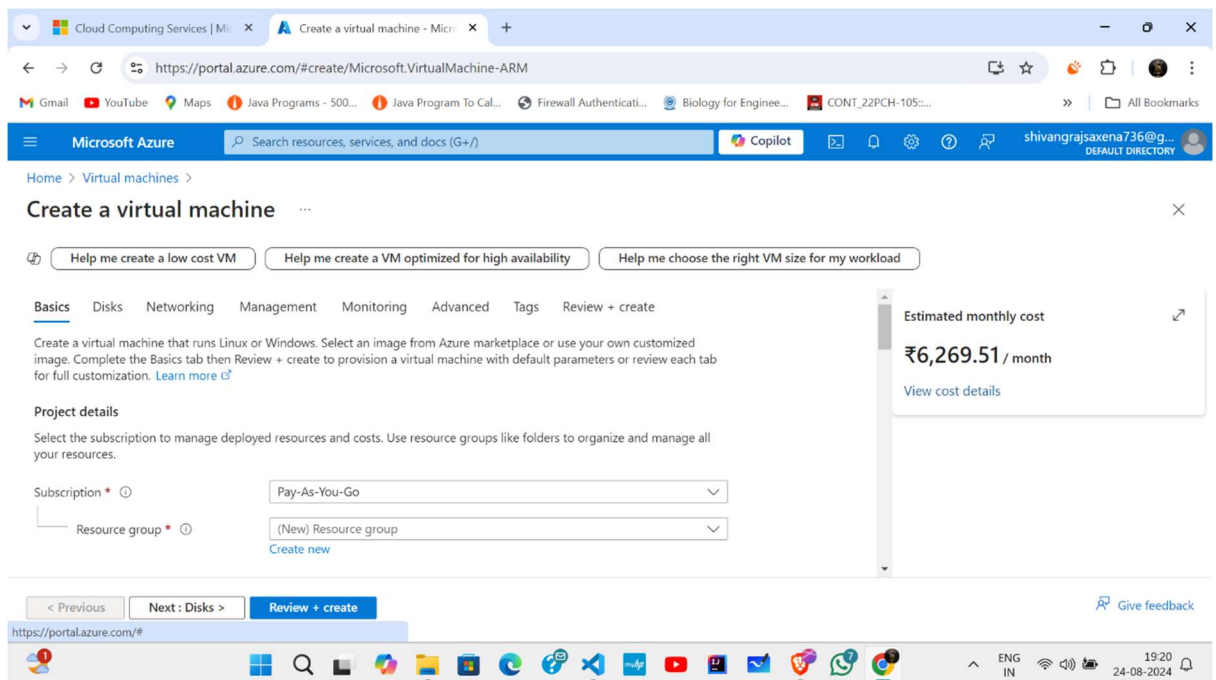


The screenshot shows the Visual Studio Code editor with a file named `main.py` open. The code defines a FastAPI application with a single GET endpoint `/` that returns a JSON message. The terminal at the bottom shows the command `uvicorn main:app --reload` being executed, with output indicating the server is running on `http://127.0.0.1:8000`.

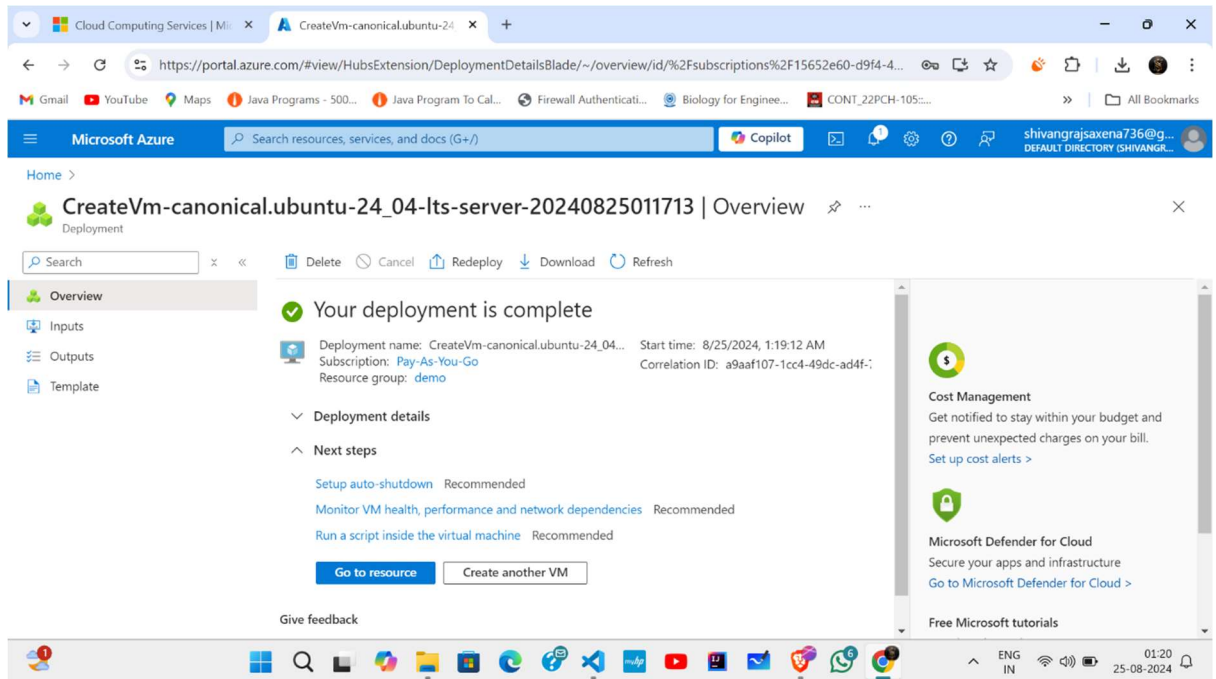
```
main.py > ...
1 from fastapi import FastAPI
2
3 app = FastAPI()
4
5 @app.get("/")
6 async def read_root():
7     return {"message": "Hello, Azure Web Apps!"}
8
```

```
PS C:\Users\ajayk\Desktop\ASSIGNMENT> uvicorn main:app --reload
INFO: Will watch for changes in these directories: ['C:\Users\ajayk\Desktop\ASSIGNMENT']
INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO: Started reloader process [5456] using WatchFiles
INFO: Started server process [1736]
INFO: Waiting for application startup.
INFO: Application startup complete.
```

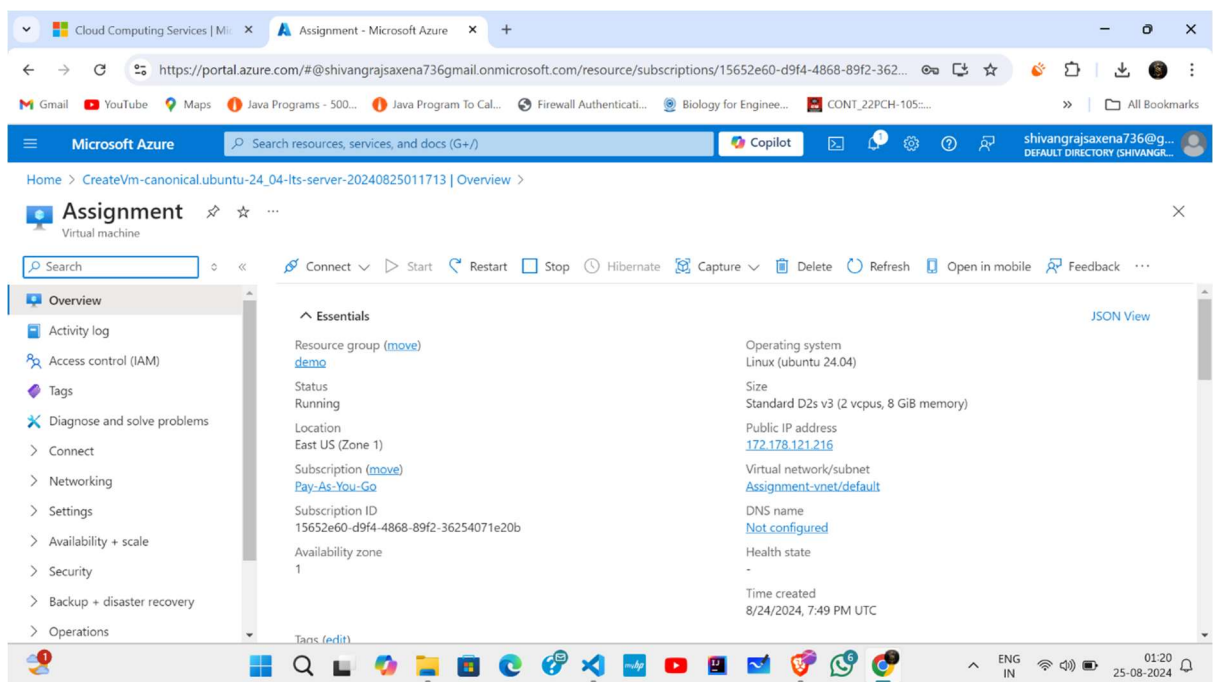
2. CREATE A VIRTUAL MACHINE IN AZURE



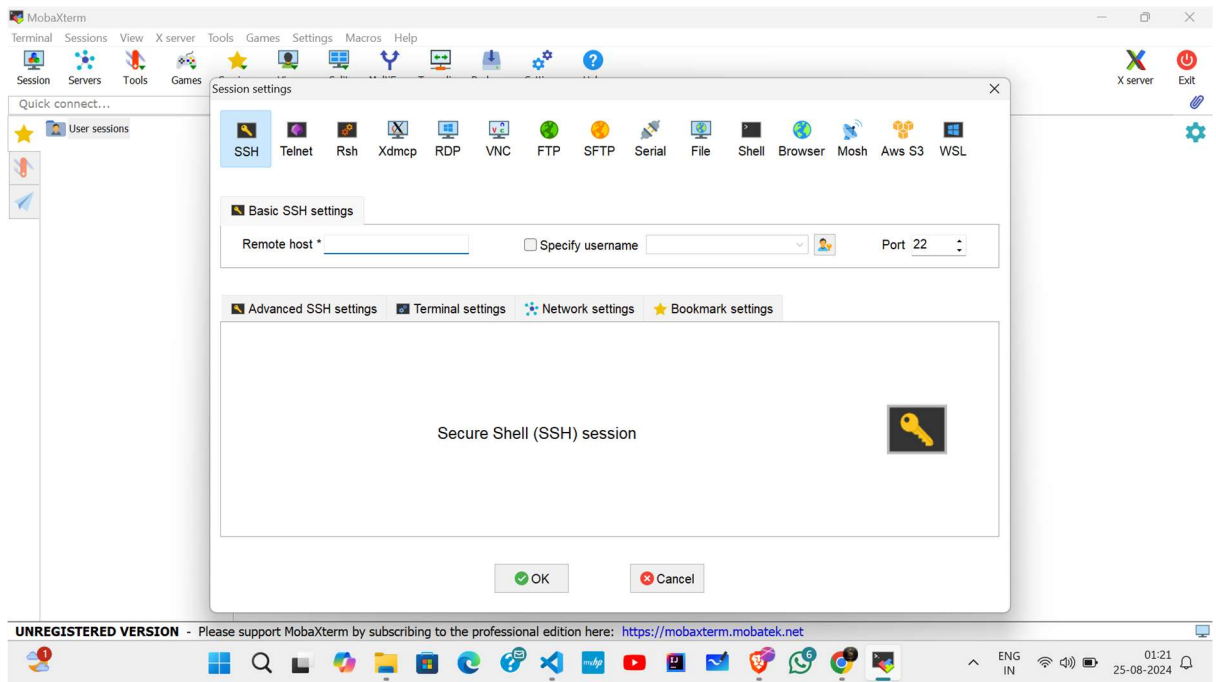
3. CREATE RESOURCE FOR DEPLOYMENT



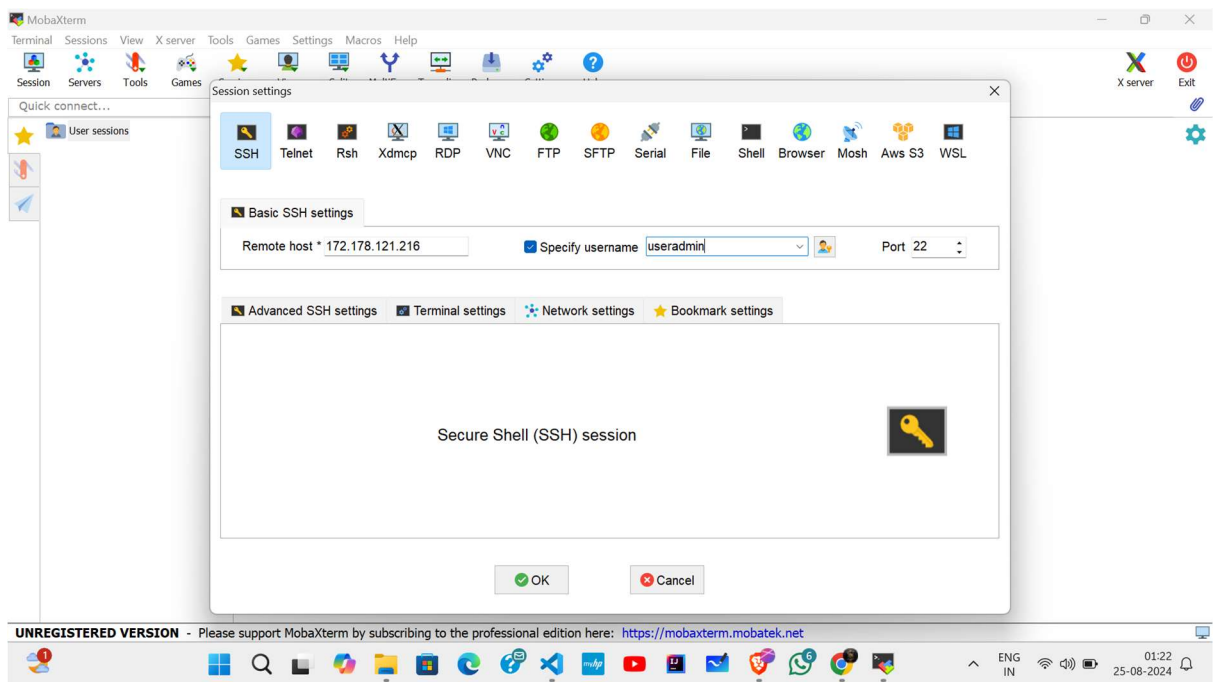
4. COPY PUBLIC IP ADDRESS



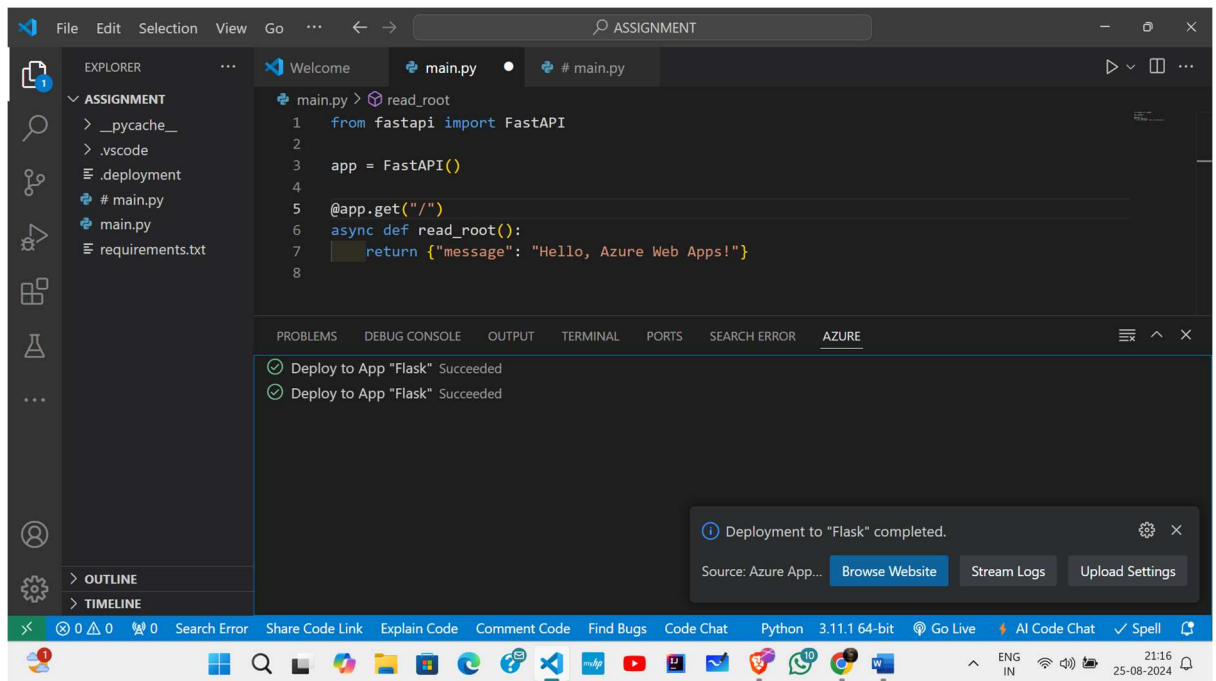
5. GO TO MOBAXTERM APPLICATION



6. IN SSH PROVIDE REMOTE HOST AND SPECIFY USER NAME.



7. NOW GO TO THE VS-CODE TERMINAL FOR DEPLOY



8. FINAL OUTPUT

