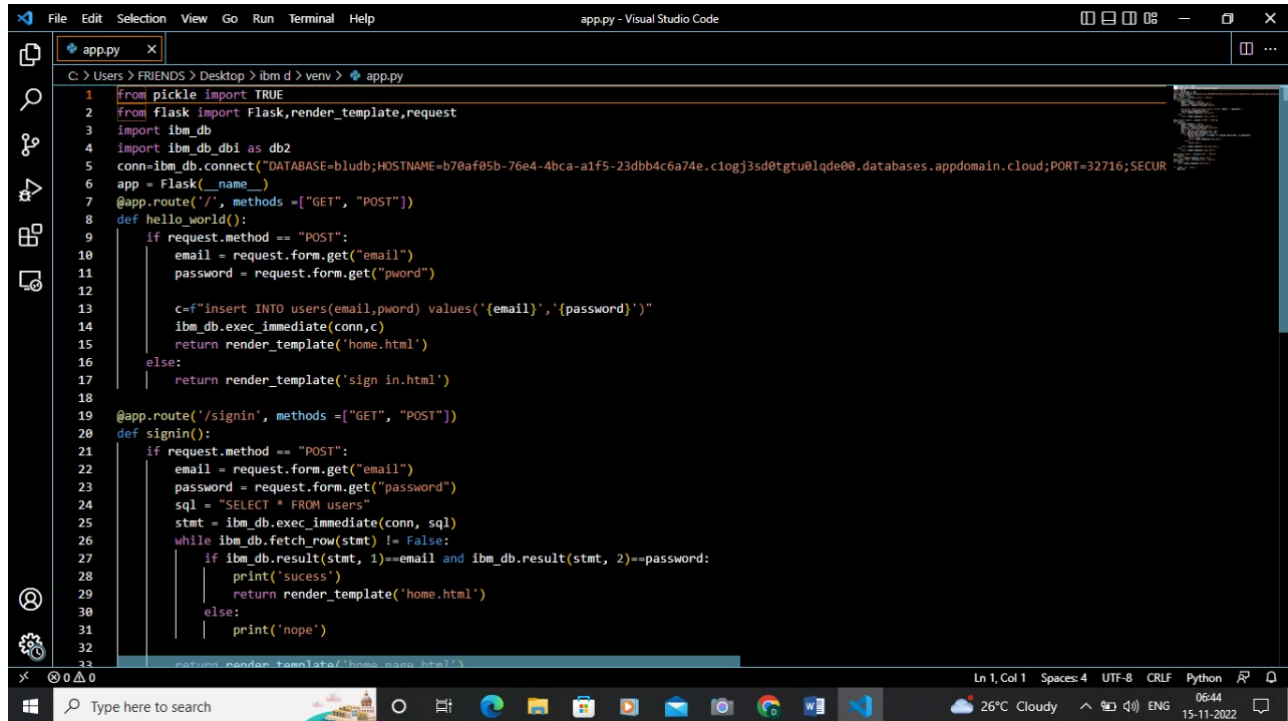
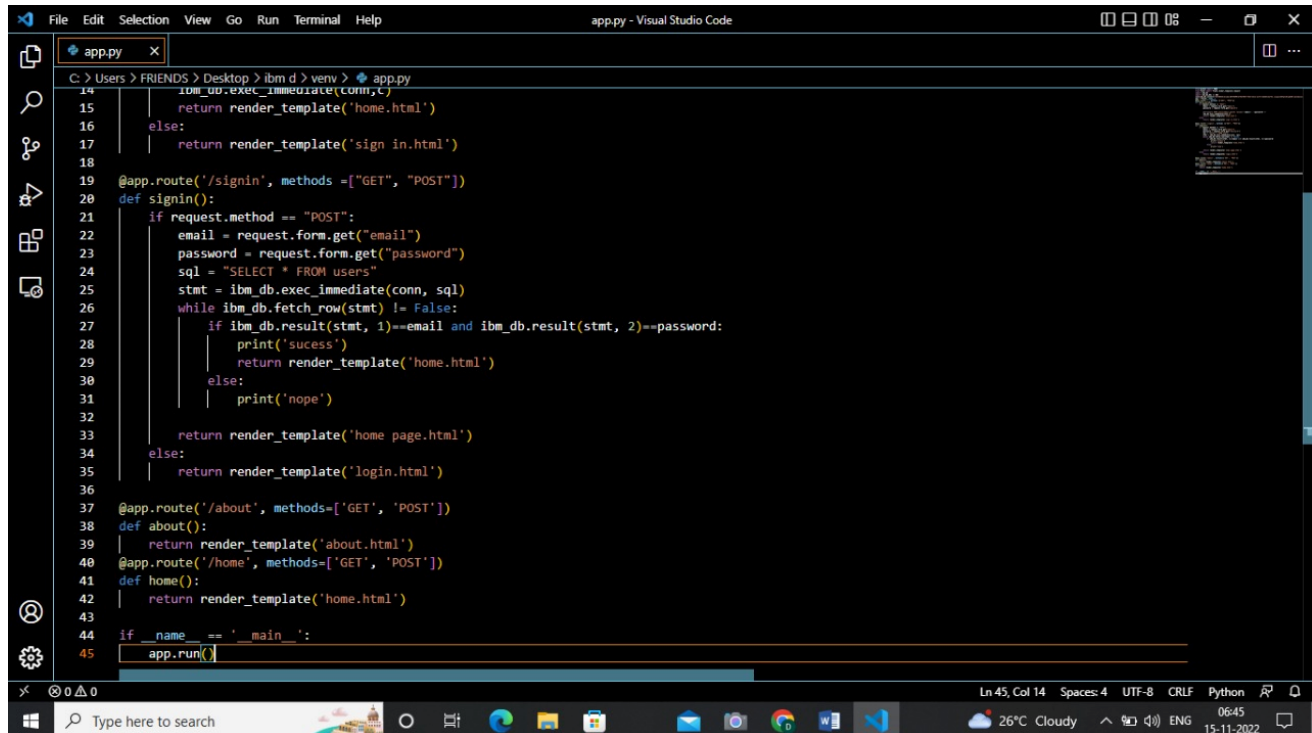


Setting Up Application Environment

Create Flask Project :



```
1 from pickle import TRUE
2 from flask import Flask, render_template, request
3 import ibm_db
4 import ibm_db_dbi as db2
5 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=b70af05b-76e4-4bca-a1f5-23dbb4c6a74e.c10g33sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32716;SECUR
6 app = Flask(__name__)
7 @app.route('/', methods = ["GET", "POST"])
8 def hello_world():
9     if request.method == "POST":
10         email = request.form.get("email")
11         password = request.form.get("password")
12
13         c = f"insert INTO users(email,password) values('{email}','{password}')"
14         ibm_db.exec_immediate(conn, c)
15         return render_template("home.html")
16     else:
17         return render_template("sign in.html")
18
19 @app.route('/signin', methods = ["GET", "POST"])
20 def signin():
21     if request.method == "POST":
22         email = request.form.get("email")
23         password = request.form.get("password")
24         sql = "SELECT * FROM users"
25         stmt = ibm_db.exec_immediate(conn, sql)
26         while ibm_db.fetch_row(stmt) != False:
27             if ibm_db.result(stmt, 1) == email and ibm_db.result(stmt, 2) == password:
28                 print('sucess')
29                 return render_template("home.html")
30             else:
31                 print('nope')
32
33         return render_template("home page.html")
```



```
14         ibm_db.exec_immediate(conn, c)
15         return render_template("home.html")
16     else:
17         return render_template("sign in.html")
18
19 @app.route('/signin', methods = ["GET", "POST"])
20 def signin():
21     if request.method == "POST":
22         email = request.form.get("email")
23         password = request.form.get("password")
24         sql = "SELECT * FROM users"
25         stmt = ibm_db.exec_immediate(conn, sql)
26         while ibm_db.fetch_row(stmt) != False:
27             if ibm_db.result(stmt, 1) == email and ibm_db.result(stmt, 2) == password:
28                 print('sucess')
29                 return render_template("home.html")
30             else:
31                 print('nope')
32
33         return render_template("home page.html")
34     else:
35         return render_template("login.html")
36
37 @app.route('/about', methods = ["GET", "POST"])
38 def about():
39     return render_template("about.html")
40 @app.route('/home', methods = ["GET", "POST"])
41 def home():
42     return render_template("home.html")
43
44 if __name__ == '__main__':
45     app.run()
```