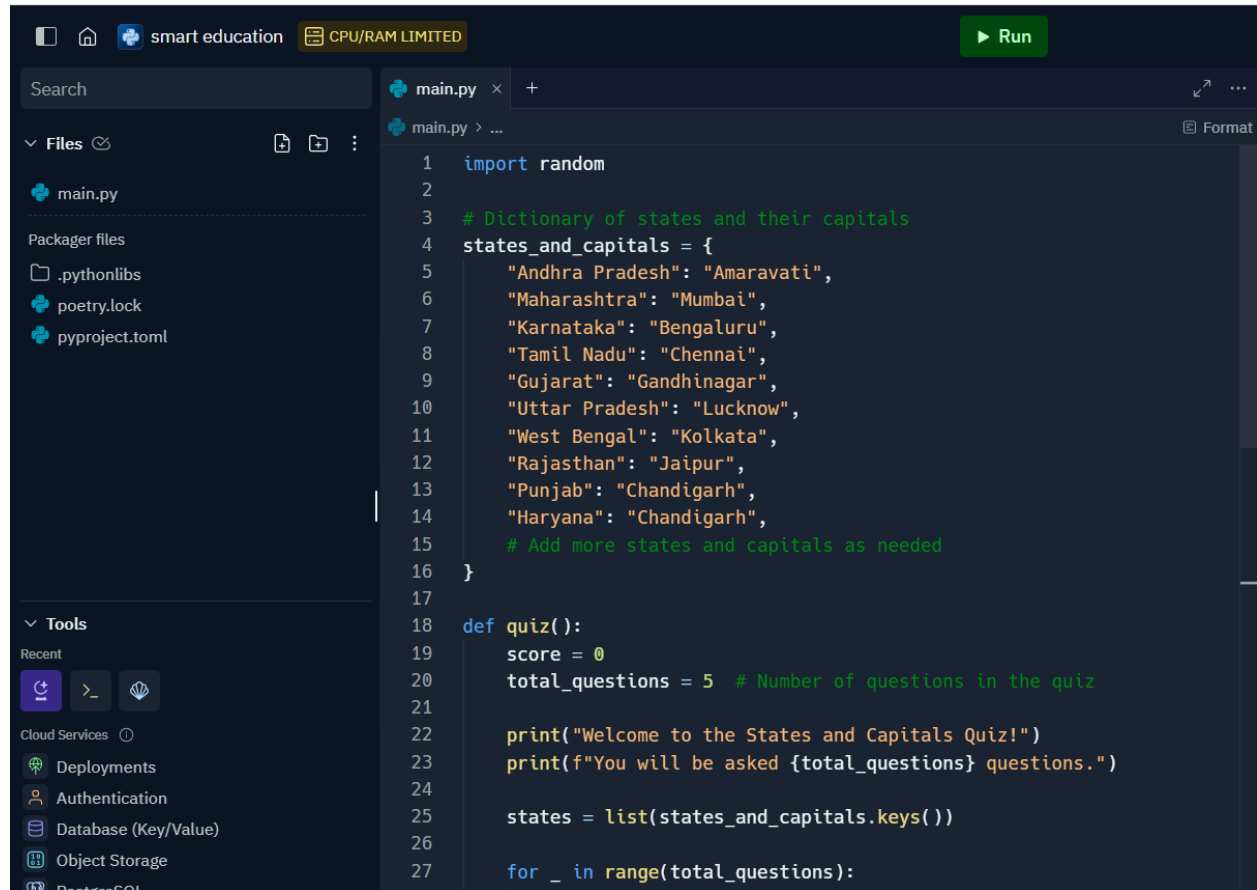


SMART EDUCATION

OUTPUT:-



The screenshot shows a code editor interface with a dark theme. The top bar includes a search icon, the project name 'smart education', a 'CPU/RAM LIMITED' warning, and a green 'Run' button. The left sidebar has a 'Files' section with a search bar and a list of files: 'main.py', '.pythonlibs', 'poetry.lock', and 'pyproject.toml'. Below this is a 'Tools' section with 'Recent' files and 'Cloud Services' like 'Deployments', 'Authentication', 'Database (Key/Value)', 'Object Storage', and 'PostgreSQL'. The main editor area displays a Python script named 'main.py' with the following code:

```
1 import random
2
3 # Dictionary of states and their capitals
4 states_and_capitals = {
5     "Andhra Pradesh": "Amaravati",
6     "Maharashtra": "Mumbai",
7     "Karnataka": "Bengaluru",
8     "Tamil Nadu": "Chennai",
9     "Gujarat": "Gandhinagar",
10    "Uttar Pradesh": "Lucknow",
11    "West Bengal": "Kolkata",
12    "Rajasthan": "Jaipur",
13    "Punjab": "Chandigarh",
14    "Haryana": "Chandigarh",
15    # Add more states and capitals as needed
16 }
17
18 def quiz():
19     score = 0
20     total_questions = 5 # Number of questions in the quiz
21
22     print("Welcome to the States and Capitals Quiz!")
23     print(f"You will be asked {total_questions} questions.")
24
25     states = list(states_and_capitals.keys())
26
27     for _ in range(total_questions):
```

The screenshot shows a code editor with a dark theme. The top bar includes a search icon, a home icon, the text "smart education", and a status indicator "CPU/RAM LIMITED" next to a green "Run" button. The left sidebar contains a "Files" section with a search bar and a list of files: "main.py", "Packager files", ".pythonlibs", "poetry.lock", and "pyproject.toml". Below this is a "Tools" section with "Recent" icons and "Cloud Services" options like "Deployments", "Authentication", "Database (Key/Value)", "Object Storage", and "PostgreSQL". The main editor area displays a Python script named "main.py" with line numbers 15 to 40. The script defines a "quiz()" function that asks 5 questions about state capitals. It uses a dictionary "states_and_capitals" (partially visible in the previous block) to check answers. The script prints a welcome message, the number of questions, and the user's score at the end.

```
15 # Add more states and capitals as needed
16 }
17
18 def quiz():
19     score = 0
20     total_questions = 5 # Number of questions in the quiz
21
22     print("Welcome to the States and Capitals Quiz!")
23     print(f"You will be asked {total_questions} questions.")
24
25     states = list(states_and_capitals.keys())
26
27     for _ in range(total_questions):
28         state = random.choice(states)
29         answer = input(f"What is the capital of {state}? ")
30
31         if answer.strip().lower() ==
32         states_and_capitals[state].lower():
33             print("Correct!")
34             score += 1
35         else:
36             print(f"Wrong! The correct answer is
37             {states_and_capitals[state]}.")
38
39     print(f"Quiz Over! Your score: {score}/{total_questions}")
40
41 if __name__ == "__main__":
42     quiz()
```

```
Welcome to the States and Capitals Quiz!
You will be asked 5 questions.
What is the capital of Karnataka? Bengaluru
Wrong! The correct answer is Bengaluru.
What is the capital of Uttar Pradesh? Lucknow
Correct!
What is the capital of Uttar Pradesh? Lucknow
Correct!
What is the capital of Karnataka? Bengaluru
Correct!
What is the capital of Punjab? Chandigarh
Correct!
Quiz Over! Your score: 4/5
```



Run

Ask AI

1m on 22:25:47, 08/19 ✓

Welcome to the States and Capitals Quiz!
You will be asked 5 questions.
What is the capital of Karnataka? Bengaluru
Wrong! The correct answer is Bengaluru.
What is the capital of Uttar Pradesh? Lucknow
Correct!
What is the capital of Uttar Pradesh? Lucknow
Correct!
What is the capital of Karnataka? Bengaluru
Correct!
What is the capital of Punjab? Chandigarh
Correct!
Quiz Over! Your score: 4/5



Run

Ask AI

25s on 22:27:06, 08/19 ✓

Welcome to the States and Capitals Quiz!
You will be asked 5 questions.
What is the capital of Tamil Nadu? Chennai
Correct!
What is the capital of Tamil Nadu? Chennai
Correct!
What is the capital of Maharashtra? Mumbai
Correct!
What is the capital of Karnataka? Bengaluru
Correct!
What is the capital of Maharashtra? Mumbai
Correct!
Quiz Over! Your score: 5/5

smart education

CPU/RAM LIMITED

Run

Ask AI & search Ctrl K

Invite

PUBLIC

Deploy

?

lv

Search

Files

main.py

main.py

pythonlibs

poetry.lock

pyproject.toml

Tools

Recent

Cloud Services

Deployments

Authentication

Database (Key/Value)

Object Storage

PostgreSQL

Workspace Features

main.py

main.py

1 import random

2

3 # Dictionary of states and their capitals

4 states_and_capitals = {

5 "Andhra Pradesh": "Amaravati",

6 "Maharashtra": "Mumbai",

7 "Karnataka": "Bengaluru",

8 "Tamil Nadu": "Chennai",

9 "Gujarat": "Gandhinagar",

10 "Uttar Pradesh": "Lucknow",

11 "West Bengal": "Kolkata",

12 "Rajasthan": "Jaipur",

13 "Punjab": "Chandigarh",

14 "Haryana": "Chandigarh",

15 # Add more states and capitals as needed

16 }

17

18 def quiz():

19 score = 0

20 total_questions = 5 # Number of questions in the quiz

21

22 print("Welcome to the States and Capitals Quiz!")

23 print(f"You will be asked {total_questions} questions.")

24

25 states = list(states_and_capitals.keys())

26

27 for _ in range(total_questions):

28 state = random.choice(states)

29

Run

AI

Shell

Console

Ask AI

1m on 22:25:47, 08/19

Welcome to the States and Capitals Quiz!

You will be asked 5 questions.

What is the capital of Karnataka? Bengaluru

Wrong! The correct answer is Bengaluru.

What is the capital of Uttar Pradesh? Lucknow

Correct!

What is the capital of Uttar Pradesh? Lucknow

Correct!

What is the capital of Karnataka? Bengaluru

Correct!

What is the capital of Punjab? Chandigarh

Correct!

Quiz Over! Your score: 4/5

Run

AI

25s on 22:27:06, 08/19

Welcome to the States and Capitals Quiz!

You will be asked 5 questions.

What is the capital of Tamil Nadu? Chennai

Correct!

What is the capital of Tamil Nadu? Chennai

Correct!

What is the capital of Maharashtra? Mumbai

Correct!

What is the capital of Karnataka? Bengaluru

Correct!

What is the capital of Maharashtra? Mumbai

Correct!

Quiz Over! Your score: 5/5

Ln 41, Col 1 • Spaces: 4 History

