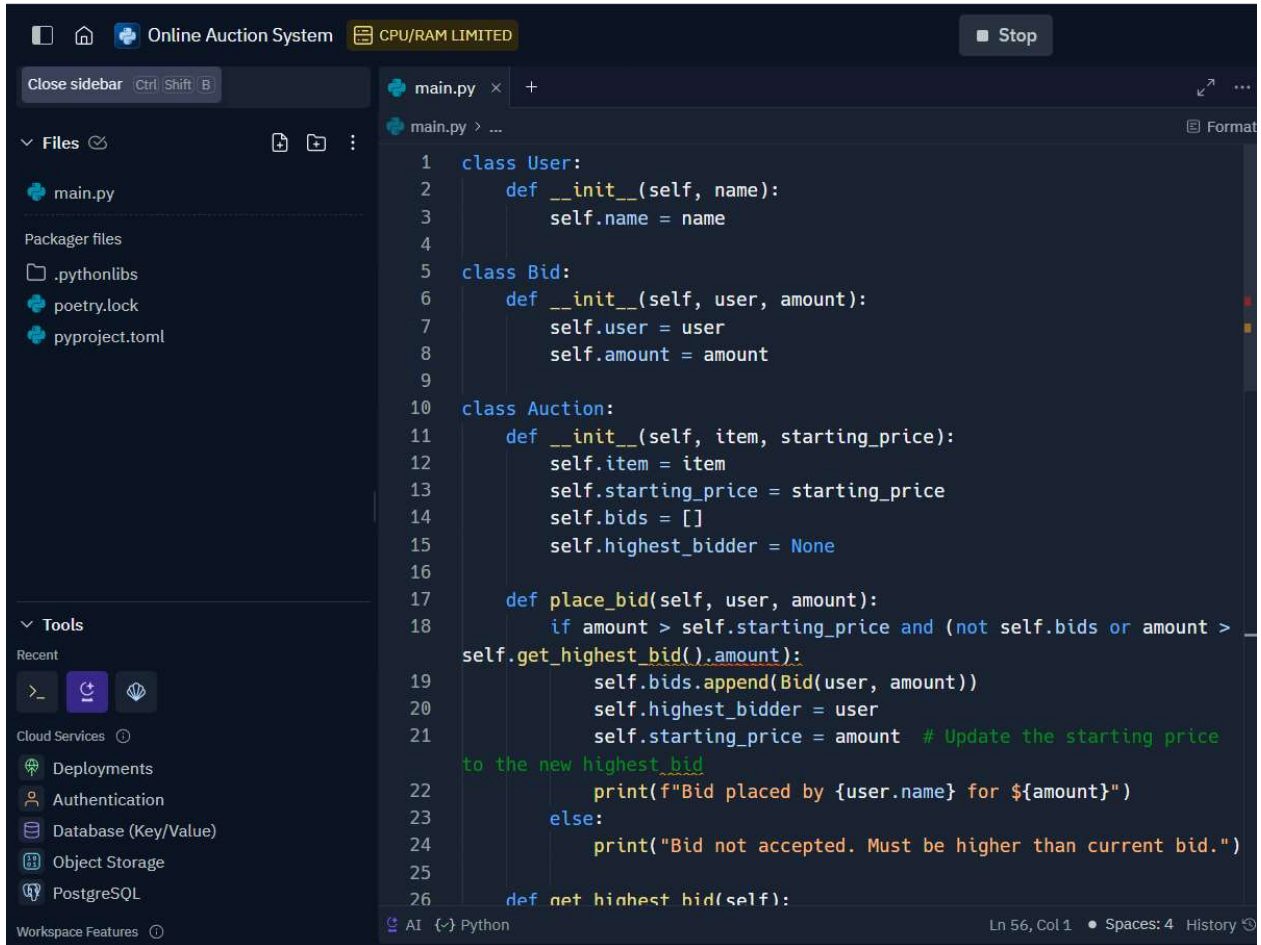


Online Auction System

Output:-



The screenshot displays a code editor window titled "Online Auction System" with a "CPU/RAM LIMITED" warning and a "Stop" button. The editor shows the following Python code in `main.py`:

```
1 class User:
2     def __init__(self, name):
3         self.name = name
4
5 class Bid:
6     def __init__(self, user, amount):
7         self.user = user
8         self.amount = amount
9
10 class Auction:
11     def __init__(self, item, starting_price):
12         self.item = item
13         self.starting_price = starting_price
14         self.bids = []
15         self.highest_bidder = None
16
17     def place_bid(self, user, amount):
18         if amount > self.starting_price and (not self.bids or amount >
19 self.get_highest_bid().amount):
20             self.bids.append(Bid(user, amount))
21             self.highest_bidder = user
22             self.starting_price = amount # Update the starting price
23             print(f"Bid placed by {user.name} for ${amount}")
24         else:
25             print("Bid not accepted. Must be higher than current bid.")
26
27     def get_highest_bid(self):
```

The interface includes a sidebar with a file explorer showing `main.py`, `.pythonlibs`, `poetry.lock`, and `pyproject.toml`. Below the file explorer is a "Tools" section with "Recent" items and "Cloud Services" like Deployments, Authentication, Database (Key/Value), Object Storage, and PostgreSQL. The status bar at the bottom indicates "Ln 56, Col 1 • Spaces: 4 History".

```
Ask AI & search Ctrl K Invite PUBLIC Deploy ? LT
AI Shell Console x +
Run Ask AI 22s on 21:56:15, 08/20
Collapse for: Antique Vase
Starting Price: $100.0
No bids yet.
Enter your name (or 'exit' to quit): Lakshmi Tejasri
Enter your bid amount: 200
Bid placed by Lakshmi Tejasri for $200.0
Auction for: Antique Vase
Starting Price: $200.0
Highest Bid: $200.0 by Lakshmi Tejasri
Enter your name (or 'exit' to quit):
```

```
Ask AI & search Ctrl K Invite PUBLIC Deploy ? LT
AI Shell Console x +
Run Ask AI 25s on 21:56:58, 08/20 ✓
Auction for: Antique Vase
Starting Price: $100.0
No bids yet.
Enter your name (or 'exit' to quit): LakshmiTejasri
Enter your bid amount: 200
Bid placed by LakshmiTejasri for $200.0
Auction for: Antique Vase
Starting Price: $200.0
Highest Bid: $200.0 by LakshmiTejasri
Enter your name (or 'exit' to quit): LakshmiTejasri
Enter your bid amount: 80
Bid not accepted. Must be higher than current bid.
Auction for: Antique Vase
Starting Price: $200.0
Highest Bid: $200.0 by LakshmiTejasri
Enter your name (or 'exit' to quit): exit
```

Online Auction System

CPU/RAM LIMITED

Run

Ask AI & search Ctrl K

Invite

PUBLIC

Deploy

Search

main.py

Files

main.py

Package files

.pythonlibs

poetry.lock

pyproject.toml

Tools

Recent

Cloud Services

Deployments

Authentication

Database (Key/Value)

Object Storage

PostgreSQL

Workspace Features

main.py

1 class User:

2 def __init__(self, name):

3 self.name = name

4

5 class Bid:

6 def __init__(self, user, amount):

7 self.user = user

8 self.amount = amount

9

10 class Auction:

11 def __init__(self, item, starting_price):

12 self.item = item

13 self.starting_price = starting_price

14 self.bids = []

15 self.highest_bidder = None

16

17 def place_bid(self, user, amount):

18 if amount > self.starting_price and (not self.bids or amount >

19 self.get_highest_bid().amount):

20 self.bids.append(Bid(user, amount))

21 self.highest_bidder = user

22 self.starting_price = amount # Update the starting price

23 to the new highest bid

24 print(f"\"Bid placed by {user.name} for \${amount}\"")

25 else:

26 print("Bid not accepted. Must be higher than current bid.")

27

28 def get_highest_bid(self):

Run

AI

Shell

Console

Ask AI

25s on 21:56:58, 08/20

Auction for: Antique Vase

Starting Price: \$100.0

No bids yet.

Enter your name (or 'exit' to quit): LakshmiTejasri

Enter your bid amount: 200

Bid placed by LakshmiTejasri for \$200.0

Auction for: Antique Vase

Starting Price: \$200.0

Highest Bid: \$200.0 by LakshmiTejasri

Enter your name (or 'exit' to quit): LakshmiTejasri

Enter your bid amount: 80

Bid not accepted. Must be higher than current bid.

Auction for: Antique Vase

Starting Price: \$200.0

Highest Bid: \$200.0 by LakshmiTejasri

Enter your name (or 'exit' to quit): exit

Ln 56, Col 1

Spaces: 4

History

