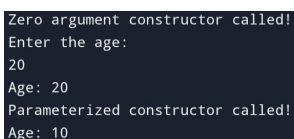


**TASK-5**

**Write a program to demonstrate the use of zero argument and parametrized constructors.**

**Source Code:**

```
1. #include <iostream>
2. using namespace std;
3. class animal {
4. private:
5.     int age; // data members
6. public:
7. // zero argument constructor
8.     animal() {
9.         age = 20;
10.        cout << "Zero argument constructor called!" << endl;
11.    }
12. // parameterized constructor
13.    animal(int a) {
14.        age = a;
15.        cout << "Parameterized constructor called!" << endl;
16.    }
17.    void insertdata();
18.    void display();
19. };
20. void animal::insertdata() {
21.    cout << "Enter the age:  " << endl;
22.    cin >> age ;
23. }
24. void animal::display() {
25.    cout << "Age: " << age << endl;
26. }
27. int main() {
28.    animal a1;
29.    a1.insertdata();
30.    a1.display();
31.    animal a2(10);
32.    a2.display();
33.    return 0;
34. }
```

**Output**A screenshot of a terminal window showing the output of the C++ program. The text is as follows:

```
Zero argument constructor called!
Enter the age:
20
Age: 20
Parameterized constructor called!
Age: 10
```