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#include <iostream>
using namespace std;
// Class representing a Student
class Student {
private:
  string name; // Stores student name
  int age; // Stores student age
  float grade; // Stores student grade
public:
  // Default constructor (no arguments)
  Student() {
    name = "Unknown"; // Default name
    age = 0; // Default age
    grade = 0.0; // Default grade
  }
  // Constructor with name and age
  Student(string n, int a) {
    name = n;
    age = a;
    grade = 0.0; // Grade set to default
  }
  // Constructor with name, age, and grade
  Student(string n, int a, float g) {
    name = n;
    age = a;
    grade = g; // All values initialized
  }
```

```
// Function to display student details
  void display() {
    cout << "Name: " << name << ", Age: " << age << ", Grade: " << grade << endl;
  }
};
int main() {
  // Creating objects using different constructors
  Student s1; // Calls default constructor
  Student s2("Vardhan", 21); // Calls constructor with name and age
  Student s3("Anika", 23, 9.2); // Calls constructor with all parameters
  // Display student details
  cout << "Student 1: ";</pre>
  s1.display();
  cout << "Student 2: ";</pre>
  s2.display();
  cout << "Student 3: ";</pre>
  s3.display();
  return 0;
```

}