

```

1  // In Car.h
2  #include <iostream>
3  // Lecture 47: Static Member Variables
4  class Car
5  {
6  private:
7      static int totalCount; // variable declared inside
      •      class
8  public:
9      static void ShowCount(); // function declared
      •      inside class
10 };
11
12 // In Car.Cpp
13 int Car::totalCount = 0; // initialise outside class
      •      declaration
14
15
16 // to know the count of a car, we first had to create
      •      an object of the car, and then invoke the dashboard
      •      function. What if, we don't have an object? then how
      •      do we know the count of cars?
17
18 // For this we can implement a static FUNCTION!
19 // This is going to be static!!
20 void Car::ShowCount() {
21     std::cout << "Total cars : " << totalCount <<
      •      std::endl;
22 }
23

```