```cpp
1  //
2  // Class header file for A3
3  //
4  // Hal Bettle
5  //
6  // 31 August 2008
7  //
8
9  #include <iostream>
10 #include <iomanip>
11 #include <string>
12 using namespace std;
13
14 class plane
15 {
16 private:
17
18     string owner;
19     int speed;
20     int altitude;
21     int *alt_ptr;
22     int direction;
23     static int count_of_planes;
24
25 public:
26
27     plane();
28     ~plane();
29     void set_owner(string);
30     string get_owner(void);
31     void set_speed(int);
32     int get_speed(void);
33     int get_altitude(void);
34     void set_altitude(int);
35     void set_direction(int);
36     int get_direction(void);
37     plane *get_address(void);
38     static int get_plane_count(void);
39 };
```