C++ Programming

1. Consider:

```
class window
{
   …
};

class window_with_toolbar : public window
{
   …
};

class window_with_menu : public window
{
   …
};

class window_with_menu_and_toolbar : public window_with_menu,
                                     public window_with_toolbar
{
   …
};
```

   What problem can you see and what change would you make to address it?

2. Implement a class with a member function `int nobjs()` which returns the number of object of that class currently in existence. What assumptions have you made?