**Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Jia Gao\_\_\_\_\_\_\_\_\_\_

Fill the following table with your solution:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Executable size without using –g :** -------243720---------- | | | | Why?  -g flag tells the compiler to include debugging information in the executable. This helps when debugging the program with tools like gdb or lldb.The debugging symbols contain information about the source code (like variable names, line numbers, and function names), which increases the size of the executable. | |
| **Executable size when using –g :** -------70408-------- | | | |
|  | | | | | |
|  | | | | | |
| **Bug #** | **Details** | | | **Proposed solution** | |
| File, line | Function name | Description | Description | Modified code |
| **1** | employeeClass.cpp line13 | Employee::Employee | All valid employee IDs are reset to 0 | ID should only be set to 0 for invalid inputs | if (id <= 0)  ID = 0;  else  ID = id;  jobTitle = jbTtle; |
| **2** |  |  |  |  |  |

Add rows when necessary.