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CSE 5359  
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Lab 2 README

My program is contained in one CPP file named main.cpp. The main.cpp file can be compiled by navigating to the containing directory. Then, use the following command to obtain an executable:

```
g++ main.cpp -o VulnAir -fno-stack-protector
```

The command will create a VulnAir executable. To run the executable simply execute this command:

```
./VulnAir
```

The application mimics an airline reservation system. The user will initially be prompted to enter departure and destination cities. Then, the user will be asked if they desire to purchase an upgrade to first class. The program accepts responses of Yes/No for this prompt.

The goal of exploitation is to bypass the \$500 upgrade charge to first class (i.e. get an upgrade charge of \$0).