

**SOFTWARE ENGINEERING ASSESSMENT ANSWERS**

***QUESTION 1:***

- The answer is the Python script provided in the github repo (ProcessGameState.py)

***QUESTION 2:***

- A. No. entering via the light blue boundary is not a common strategy used by Team2 on the T (terrorist) side. My results show that 0.04% of T enters via the light blue boundary.
- B. The average timer that Team2 on the T (terrorist) side enters “BombsiteB” with at least 2 rifles or SMGs is 01:30.
- C. My strategy for this step was filtering the CT team2 side, checking which ones are inside the bomb, and creating the heatmap with their coordinates. Due to technical issues, I couldn't process a heatmap.

***QUESTION 3:***

- A. The best possible way to let the coaches generate the output themselves is to create an application (.exe for example) that runs this script with one click, and provides all the outputs. A more optimal way would be creating actual software for this script (web app, desktop app, etc), which will allow more simplicity and efficiency for this program.