

By submitting this assignment, I agree to the following:

"Aggies do not lie, cheat, or steal, or tolerate those who do."

"I have not given or received any unauthorized aid on this assignment."

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Section: 213
Team: YOUR TEAM NUMBER
Assignment: Lab 2a Act 1
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1. There are many questions that one should ask before building a sequence of steps such as this. Some important ones are:
Is the person that you are creating the sequence of steps for driving a car?
If the person is driving a car, do they have the ability to drive through the boom barriers that are closed on campus from 6am to 6 pm?
Is the person riding a bike or a skateboard ?
Is the person looking for the fastest, most direct route or wanting to stay on sidewalks exclusively?
Is the person able to go up stairs?
Is the person willing to jay-walk across streets?
Is the person able to read street signs?
2. This activity serves to help engineers cultivate their computational mindset and project foresight. When coming up with a step by step plan to accomplish a goal, one must be able to foresee every possible challenge that the plan may approach. The result of not being proactive in problem solving is having a program riddled with bugs. A good engineer considers all the possibilities to create the most efficient project possible.