I do not fully understand, or perhaps understand at all, what is being asked of me. I do not mean to complain, I just want to understand this and get the most out of the course. I think once it clicks, I will be able to move forward more efficiently. I am a total layman, so if I am far from the mark, please tell me.

In the previous topic 1.3.1 we were shown that an algorithm is a sequence of instructions to get a solution. I think I understand that. That was to calculate the sum of two numbers.

What I don’t understand yet is how this translates to giving directions. I’m jotting down my thoughts and how I came up with my solution. This could be comedy, I have no idea.

Take two numerical inputs from user and store individually

Calculate the sum of the two inputs

Display the answer

In this pseudo code, we;

Tell the program what’s coming,

Tell the program what to do with what came,

And execute said command.

We start with a verb, the instruction to give to the program, in this case, the pedestrian.

“Walk”

Then we need to give the program/pedestrian a direction to walk in and a reference point, in this case “intersection”. I will assume the program/pedestrian has no consciousness, so like a robot, we need to give it clear and concise instructions to it reaches its destination.

Left or Right at intersection.

Finally, we need to tell the program/pedestrian to stop.

According to the video, a loop is required (I’m guessing for this kind of algorithm). By looking at the provided map I can visualise one initial right, then a right, left, left, right, right, pattern.

So,

1| Walk in direction provided by user.

2| Position pedestrian in left facing position relative to building 8 on Swanston Street

3| Change direction at intersection.

5| Turn Right (one off command),

6| Walk in Left, Left, Right, Right, Left, Left, Right, Right sequence

7| Stop at Flinders Street Station

Am I close?