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IT-1008-1 Intro Computer Sci

Wilkins.Requirements

When it comes to the requirements for this portion of the capstone with what I did for traversing the maze, that would be that I first created my original program in one window where I ended up running into some problems along the way. After that from there, I then created it in multiple windows for that of a certain amount of the maze each in my final program with dividing it up into four parts through use of sequence, decisions, loops, and subs/encapsulation where for the first one, it starts from the beginning by entering the maze with navigating the T by going forwards, turning right, going forwards again, going backwards, turning left, and then going forwards again where it continues on from there through the maze until it reaches the dead end by going in forward, circling around, and going out forward. For the second part, it goes around the square four times using proximity sensors to determine when to turn each time while navigating it of when it senses an obstacle in its way where after that, it then continues on through the maze and ends right at another spot in it. For the third part, it continues on from that spot where it left off where it then stops somewhere at the bottom of the maze. Lastly, for the fourth and final part, it begins where it left off on at the end of the third one until it reaches the end of the maze with turning 45 degrees at one point in it and going up eleven squares where it then turns 45 degrees again after that and goes into the parking lot of the maze shortly after with staying there for five seconds before backing out.