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Programming
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1. **My thought process:**

I was stressed out making this, but my goal was to basically calculate the distance between two points, (p1 , p2) by using the pythagorean theorem. This is like the same as the Euclidean distance formula.

The code that I wrote works for all of the different number types and is a good solution for finding the euclidean distance between any types of two points.

I chose to not use seperate x and y inputs, I thought I could use p1 and p2 lists to store the coordinates. Doing this, completed the “way to store a cartesian coordinate” step in the instructions. Doing what I did can work for any dimension size.

I had many challenges, but I got through them. The math part was difficult for the dimensions. I ended up figuring out when my points had more than two coordinates, I just needed to match them, p1 and p2.

What I also did is that I used a function that git hub gave me which is the zip() and the built in list line up for my coordinates. When github gave me the function, it put the coordinates together for me.

I also made a quick little list command to subtract and square all of the pairs nicely.