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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, (p_1 , p_2) 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 separate x and y inputs, I thought I could use p_1 and p_2 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, p_1 and p_2 .

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.