# Question: 02

PAC Chart

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| --- | --- | --- | --- |
| Given Data | Required Results | Processing Required | Solution Alternatives |
| X coordinate | Quadrant of the point | Checking if: | A graphical representation could be given |
| X = 0 |
| Y=0 |
| X > 0 and Y > 0 |
| X < 0 and Y > 0 |
| X < 0 and Y > 0 |
| Y coordinate | X > 0 and Y < 0 | Distance of that point from origin could also be calculated |

# IPO Chart

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| --- | --- | --- |
| Input | Processing | Output |
| X coordinate  Y coordinate | Comparing the given coordinates with some conditions | The quadrant of the given point |





