Exercise 26:

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| --- | --- | --- |
|  | PRO | CON |
| Design 2 | * No conversion needed for polar coordinates * Simple code for polar coordinates as it only simple return * The storage of Cartesian coordinates aren’t using up memory | * Cartesian conversion takes time * Polar coordinates use up memory |
| Design 3 | * No conversion needed for cartesian coordinates * Simple code for cartesian coordinates as it only simple return * The storage of polar coordinates aren’t using up memory | * polar conversion takes time * cartesian coordinates use up memory |
| Design 6 | * Just returns what coordinates are requested * No conversion needed for cartesian or Polar coordinates * Doesn’t use up much memory since it’s an interface |  |

Exercise 28: