# **WEEK - 6**TRAPEZOIDAL JOG AXIS +X,-X,+Y,-Y,+Z,-Z

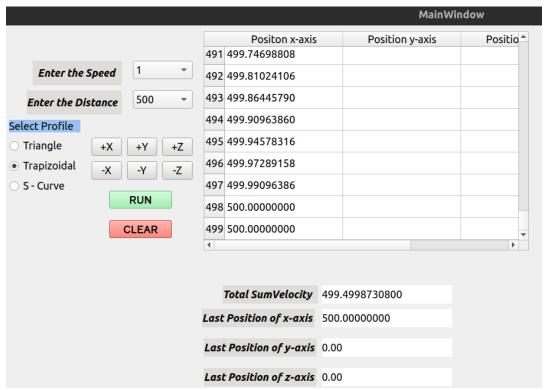
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| Day - 1 | Excel calculation     |  |  |
|---------|-----------------------|--|--|
| Day - 2 | Excel calculation     |  |  |
| Day - 3 | Coding                |  |  |
| Day - 4 | Coding +X, -X         |  |  |
| Day - 5 | Coding +Y, -Y, +Z, -Z |  |  |

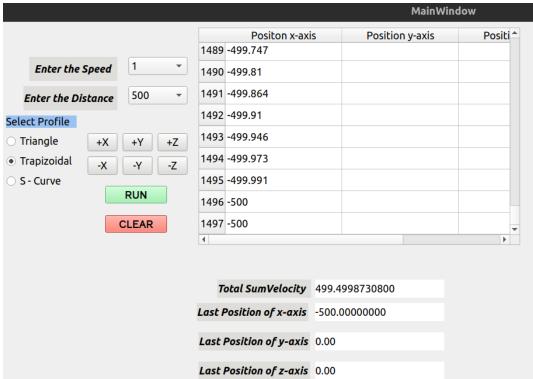
# Sample UI:

| Enter the Speed select             |                         |         |  |
|------------------------------------|-------------------------|---------|--|
| <b>Enter the Distance</b> select ▼ |                         |         |  |
| Select Profile                     |                         |         |  |
| ○ Triangle +X +Y +Z                |                         |         |  |
| ○ Trapizoidal -X -Y -Z             |                         |         |  |
| O S - Curve                        |                         |         |  |
| RUN                                |                         |         |  |
| CLEAR                              |                         |         |  |
|                                    |                         |         |  |
|                                    |                         |         |  |
|                                    | Total SumVelocity       | 0.00000 |  |
|                                    | Last Position of x-axis | 0.00    |  |
|                                    | Last Position of wayin  | 0.00    |  |
|                                    | Last Position of y-axis | 0.00    |  |
|                                    | Last Position of z-axis | 0.00    |  |
|                                    |                         |         |  |

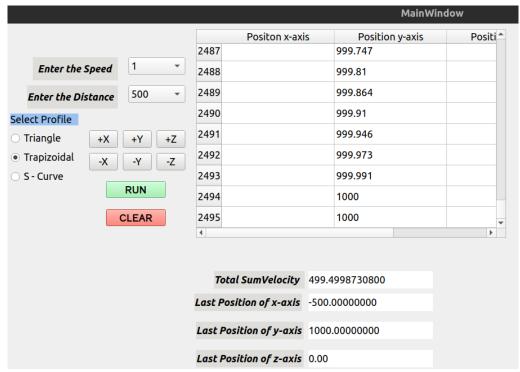
#### Jog +X:



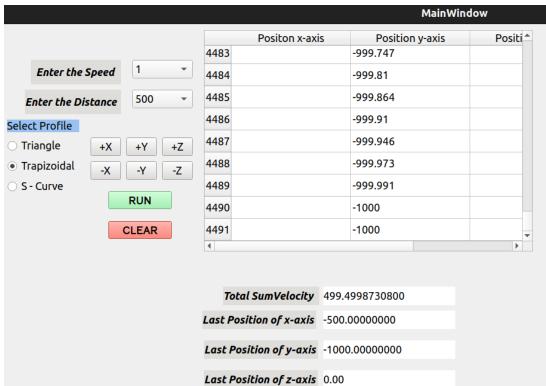
## Jog -X:



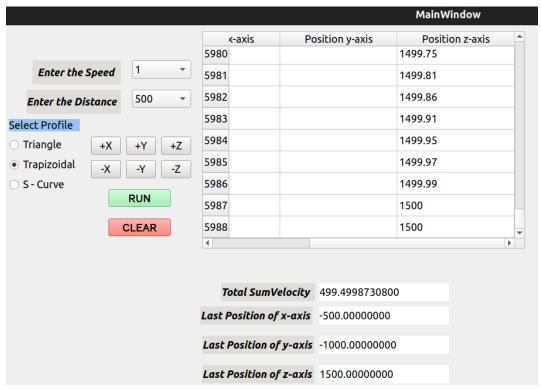
#### Jog +Y:



#### Jog -Y:



#### Jog +Z:



### Jog -Z:

