

WEEK - 3

JOG AXIS - +X,-X,+Y,-Y,+Z,-Z

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Daily Task	
Day 1	Jog x+
Day 2	Jog x-
Day 3	Jog y+
Day 4	Jog y-
Day 5	Jog z+ and Jog z-
Day 6	Discussion

Sample UI:

Enter the Speed

select

Enter the Distance

select

Select Profile

☐ Triangle

☐ Trapezoidal

☐ S - Curve

+X

+Y

+Z

-X

-Y

-Z

RUN

CLEAR

Total SumVelocity

Last Position of x-axis

Last Position of y-axis

Last Position of z-axis

JOG +X:

Enter the Speed

1

Enter the Distance

500

Select Profile

☒ Triangle
 ☐ Trapezoidal
 ☐ S - Curve

+X

+Y

+Z

-X

-Y

-Z

RUN

CLEAR

	Positon x-axis	Position y-axis	Positi
992	999.776		
993	999.832		
994	999.88		
995	999.92		
996	999.952		
997	999.976		
998	999.992		
999	1000		
1000	1000		

Total SumVelocity

500.0000000000

Last Position of x-axis

1000.0000000000

Last Position of y-axis

Last Position of z-axis

JOG -X:

Enter the Speed

1

Enter the Distance

500

Select Profile

☒ Triangle
 ☐ Trapezoidal
 ☐ S - Curve

+X

+Y

+Z

-X

-Y

-Z

RUN

CLEAR

	Positon x-axis	Position y-axis	Positi
2492	-499.776		
2493	-499.832		
2494	-499.88		
2495	-499.92		
2496	-499.952		
2497	-499.976		
2498	-499.992		
2499	-500		
2500	-500		

Total SumVelocity

500.0000000000

Last Position of x-axis

-500.0000000000

Last Position of y-axis

Last Position of z-axis

JOG +Y:

Enter the Speed

1

Enter the Distance

500

Select Profile

☒ Triangle
 ☐ Trapezoidal
 ☐ S - Curve

+X

+Y

+Z

-X

-Y

-Z

RUN

CLEAR

	Positon x-axis	Position y-axis	Positi
2992		499.7760000000	
2993		499.8320000000	
2994		499.8800000000	
2995		499.9200000000	
2996		499.9520000000	
2997		499.9760000000	
2998		499.9920000000	
2999		500.0000000000	
3000		500.0000000000	

Total SumVelocity

500.0000000000

Last Position of x-axis

-500.0000000000

Last Position of y-axis

500.0000000000

Last Position of z-axis

JOG -Y:

Enter the Speed

1

Enter the Distance

500

Select Profile

☒ Triangle
 ☐ Trapezoidal
 ☐ S - Curve

+X

+Y

+Z

-X

-Y

-Z

RUN

CLEAR

	Positon x-axis	Position y-axis	Positi
3492		0.224	
3493		0.168	
3494		0.12	
3495		0.08	
3496		0.048	
3497		0.024	
3498		0.008	
3499		0	
3500		0	

Total SumVelocity

500.0000000000

Last Position of x-axis

-500.0000000000

Last Position of y-axis

0.0000000000

Last Position of z-axis

JOG +Z:

Enter the Speed

1

Enter the Distance

500

Select Profile

☒ Triangle

☐ Trapezoidal

☐ S - Curve

+X

+Y

+Z

-X

-Y

-Z

RUN

CLEAR

x-axis	Position y-axis	Position z-axis
4992		1499.78
4993		1499.83
4994		1499.88
4995		1499.92
4996		1499.95
4997		1499.98
4998		1499.99
4999		1500
5000		1500

Total SumVelocity

500.0000000000

Last Position of x-axis

-500.0000000000

Last Position of y-axis

0.0000000000

Last Position of z-axis

1500.0000000000

JOG -Z:

Enter the Speed

1

Enter the Distance

500

Select Profile

☒ Triangle

☐ Trapezoidal

☐ S - Curve

+X

+Y

+Z

-X

-Y

-Z

RUN

CLEAR

x-axis	Position y-axis	Position z-axis
1992		500.224
1993		500.168
1994		500.12
1995		500.08
1996		500.048
1997		500.024
1998		500.008
1999		500
2000		500

Total SumVelocity

500.0000000000

Last Position of x-axis

500.0000000000

Last Position of y-axis

Last Position of z-axis

500.0000000000