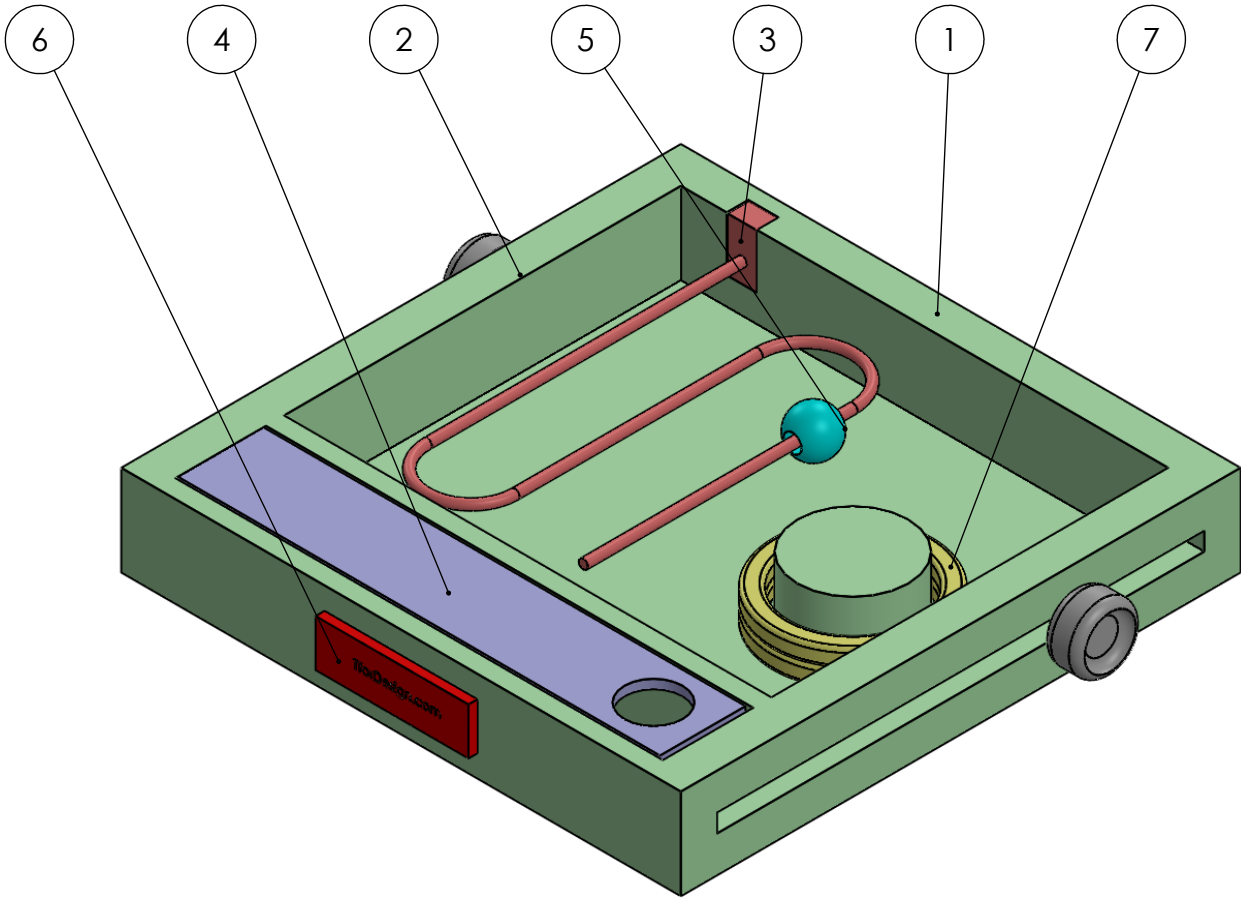


B

ITEM NO.	PART Name	Default/ QTY.
1	Part_1	1
2	Part_2	2
3	Part_3	1
4	Part_4	1
5	Part_5	1
6	Part_6	1
7	Part_7	2



B

Tasks in the next pages

A

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

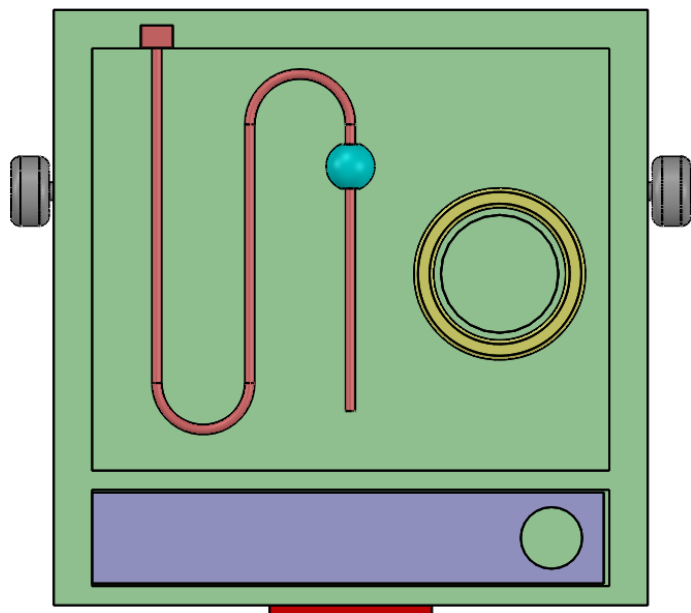
TITLE:		
Ex. 5.1		
SIZE	DWG. NO.	REV
A		
SCALE: 1:5	WEIGHT:	SHEET 1 OF 3

A

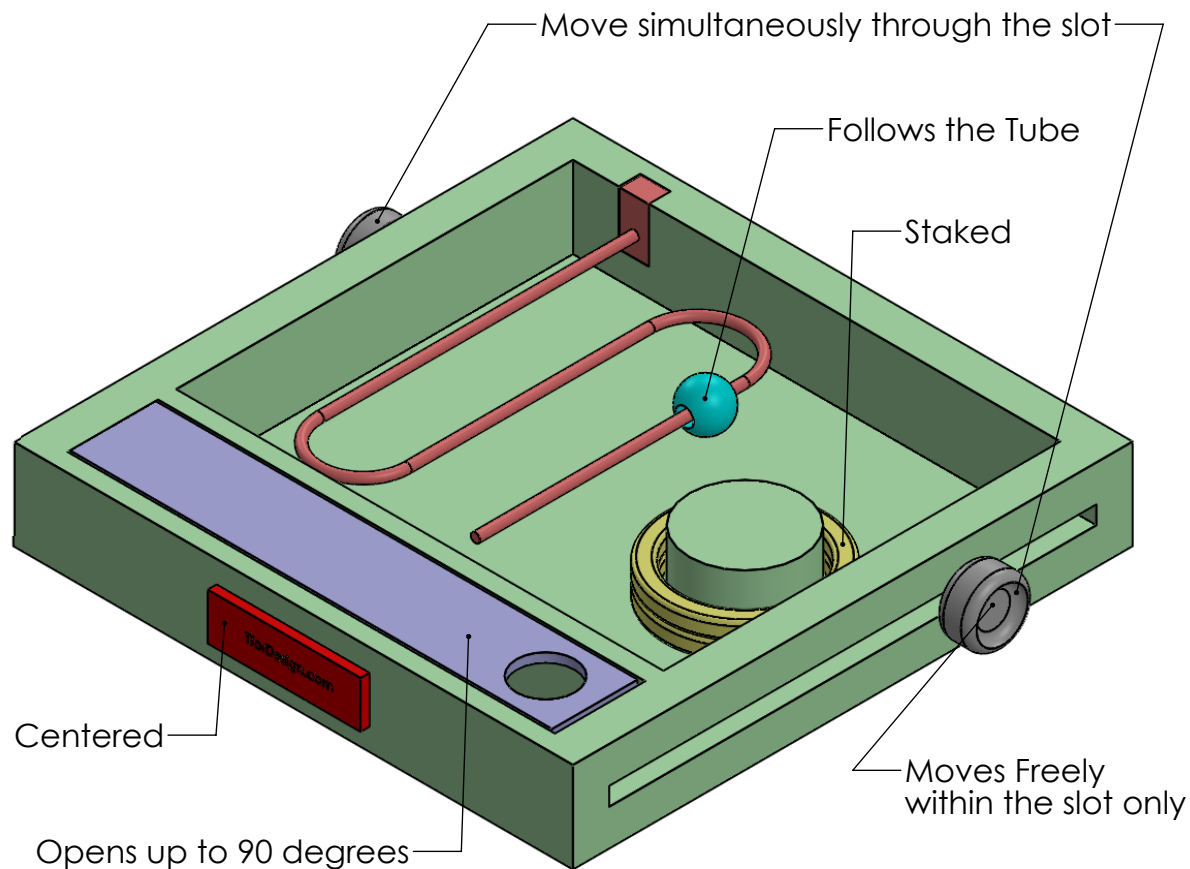
2

1

B



**Task:**  
Use the given parts to make  
the following assembly.



B

A

A

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
<INSERT COMPANY NAME HERE>. ANY  
REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF  
<INSERT COMPANY NAME HERE> IS  
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  Ex 5.1			
		DIMENSIONS ARE IN INCHES	DRAWN						
		TOLERANCES:	CHECKED						
		FRACTIONAL ±	ENG APPR.						
		ANGULAR: MACH ±    BEND ±	MFG APPR.						
		TWO PLACE DECIMAL    ±				SIZE <b>A</b>			
		THREE PLACE DECIMAL    ±							
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			DWG. NO.			
		MATERIAL	COMMENTS:						
		FINISH				REV			
NEXT ASSY	USED ON								
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:5			
						WEIGHT:		SHEET 2 OF 3	

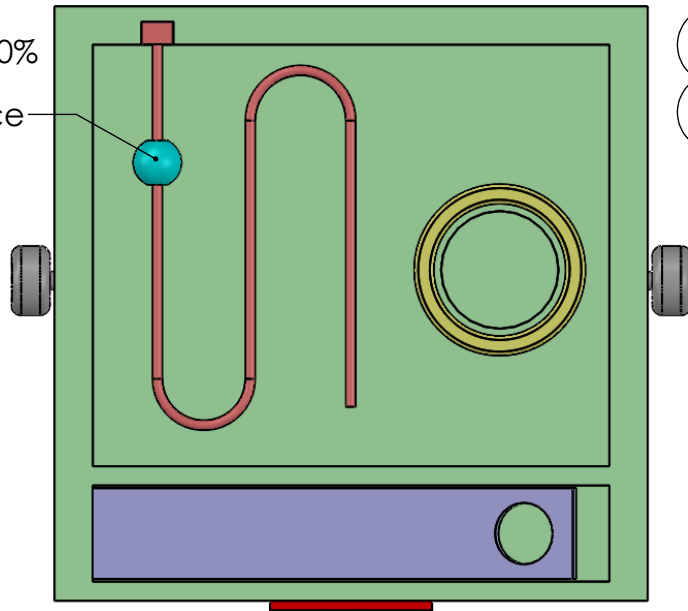
2

1

2

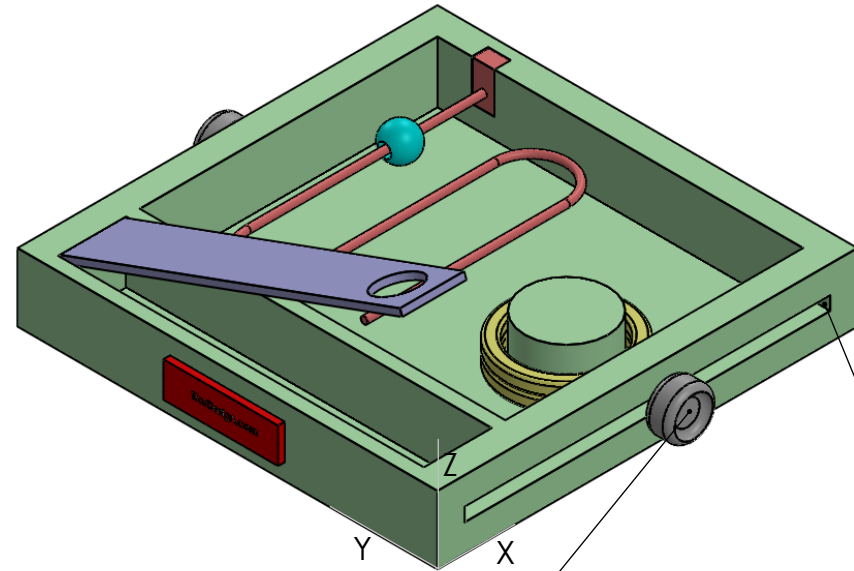
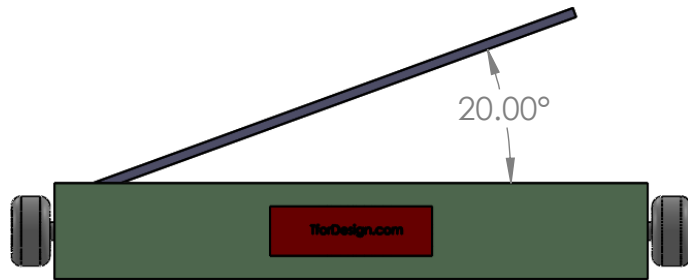
1

Fix at 10%  
of the  
distance



### Tasks:

- Fix the movement of the indicated parts as described.
- Find the center of mass in relation to the shown coordinate system.



Move 60 mm away  
from indicated surface

Answer:  
Center of mass (mm)  
X = 78.91  
Y = 75.73  
Z = 11.24

#### PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  <b>Ex 5.1</b>	
		DIMENSIONS ARE IN INCHES		DRAWN			
		TOLERANCES:		CHECKED			
		FRACTIONAL ±		ENG APPR.			
		ANGULAR: MACH ± BEND ±		MFG APPR.			
		TWO PLACE DECIMAL ±		Q.A.		SIZE <b>A</b>	
		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				DWG. NO.	
		MATERIAL				REV	
		FINISH				SCALE: 1:5	
NEXT ASSY	USED ON					WEIGHT:	
APPLICATION		DO NOT SCALE DRAWING				SHEET 3 OF 3	

2

1