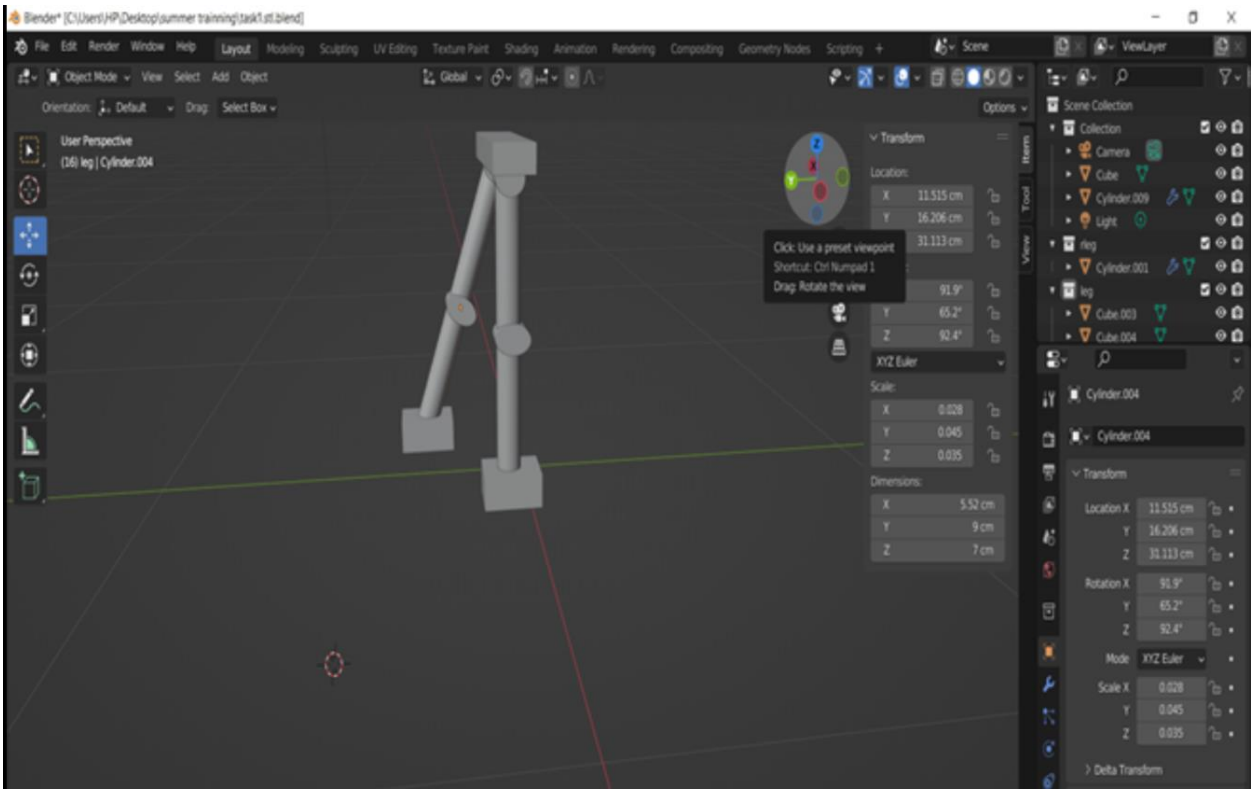
Here The Stick model of robot legs and the Calculation of the Rotation Degree ,how to caculeter and how the final result Step one : Stick model of robot legs created by Blender:



Step two :I calculation in this wep (https://www.omnicalculator.com/math/trigonometry) Then i get this result :

Variables overview

Angles	Sides	Altitudes	Medians	Angle bisectors
A = 90.00°	a = 69.12	h_A = 24.18	m_a = 34.56	t_A = 26.23
B = 67.80°	b = 64.00	h_B = 26.12	m_b = 41.31	t_B = 31.47
C = 22.20°	c = 26.12	h_C = 64.00	m_c = 65.32	t_C = 65.22

Area	835.77
Circumference	159.24

Drawing

Formulae

The following steps have been taken to calculate the result:

$$C = 180.00° - A - B = 180.00° - 90.00° - 67.80° = 22.20°$$

$$a = \frac{\sin(A) \cdot b}{\sin(B)} = \frac{\sin(90.00°) \cdot 64.00}{\sin(67.80°)} = 69.12$$

$$c = \frac{\sin(C) \cdot b}{\sin(B)} = \frac{\sin(22.20°) \cdot 64.00}{\sin(67.80°)} = 26.12$$