QUESTION 1.1
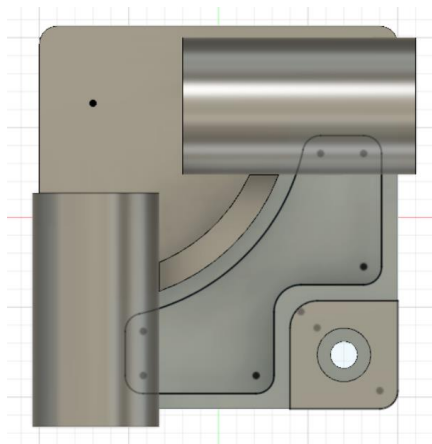
Following task is done is **AUTODESK FUSION 360**
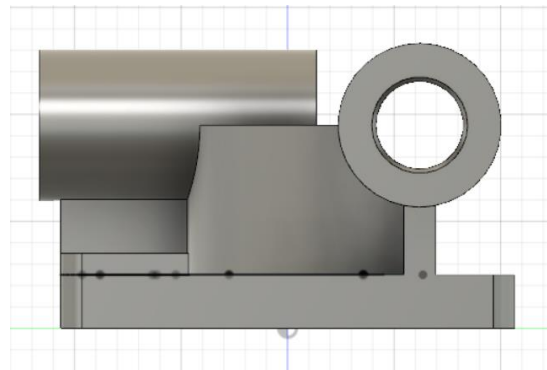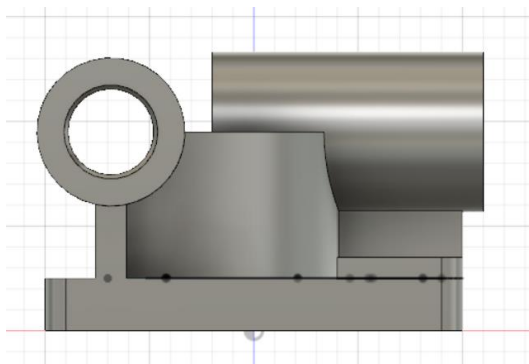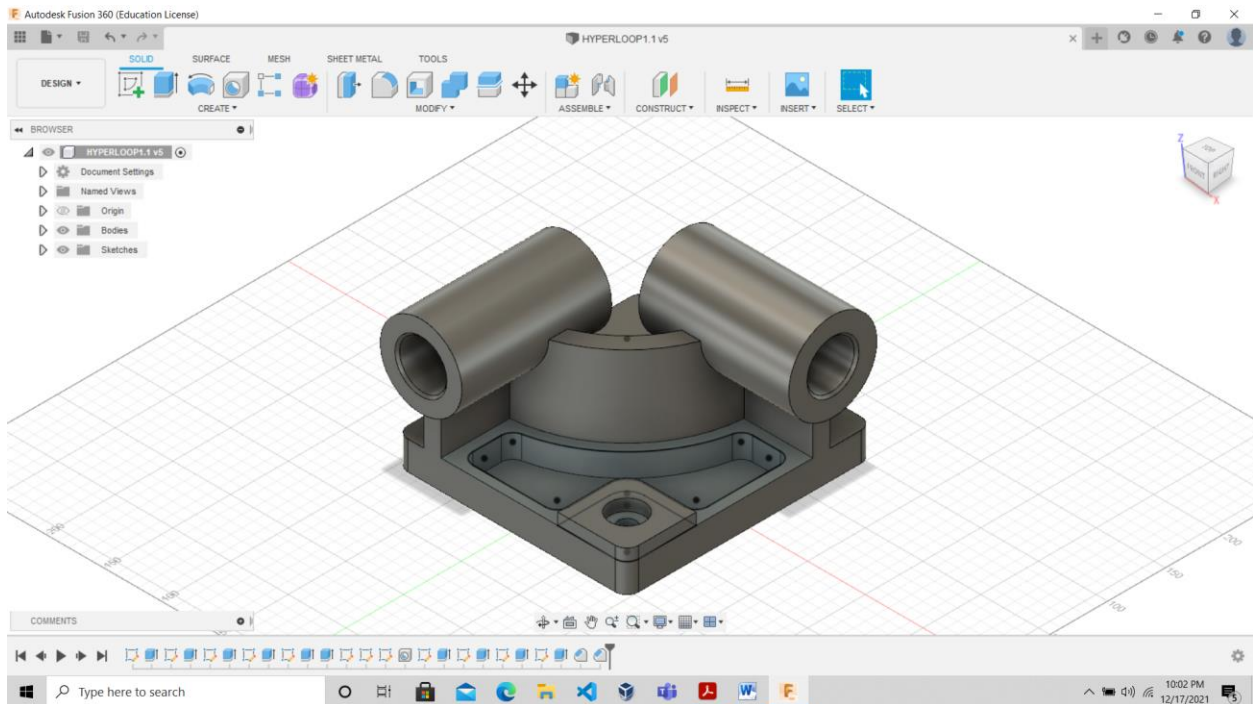
PROPERTIES

Bodies (1)

Area	2.488E+05 mm^2
Density	0.008 g / mm^3
Mass	14741.187 g
Volume	1.914E+06 mm^3
Physical Material	Steel
Appearance	Steel - Satin

Density given is 0.0077g/cubic mm. But Fusion 360 least count 0.001, therefor it is showing the round off value 0.008gg/cubic mm. But calculation values are fine.

Volume = 1.914 * 10^6 cubic mm.

Mass of object = 14741.187 g