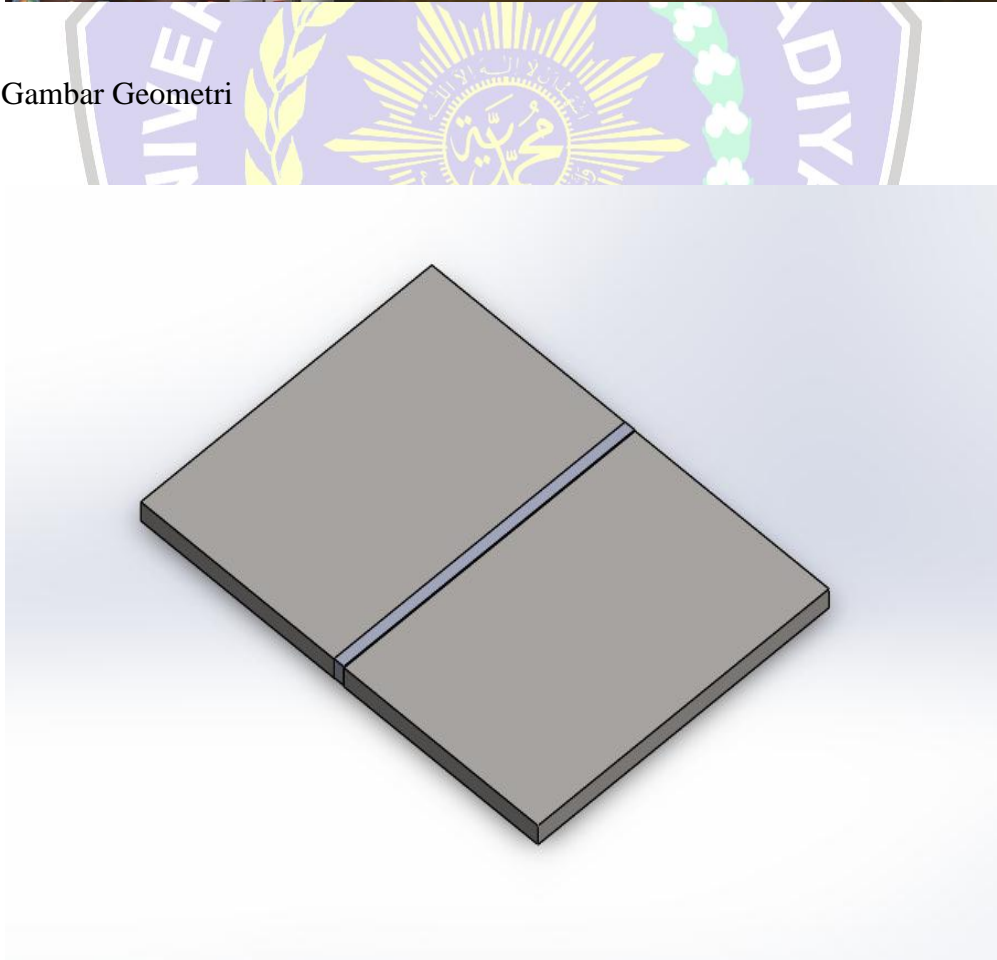


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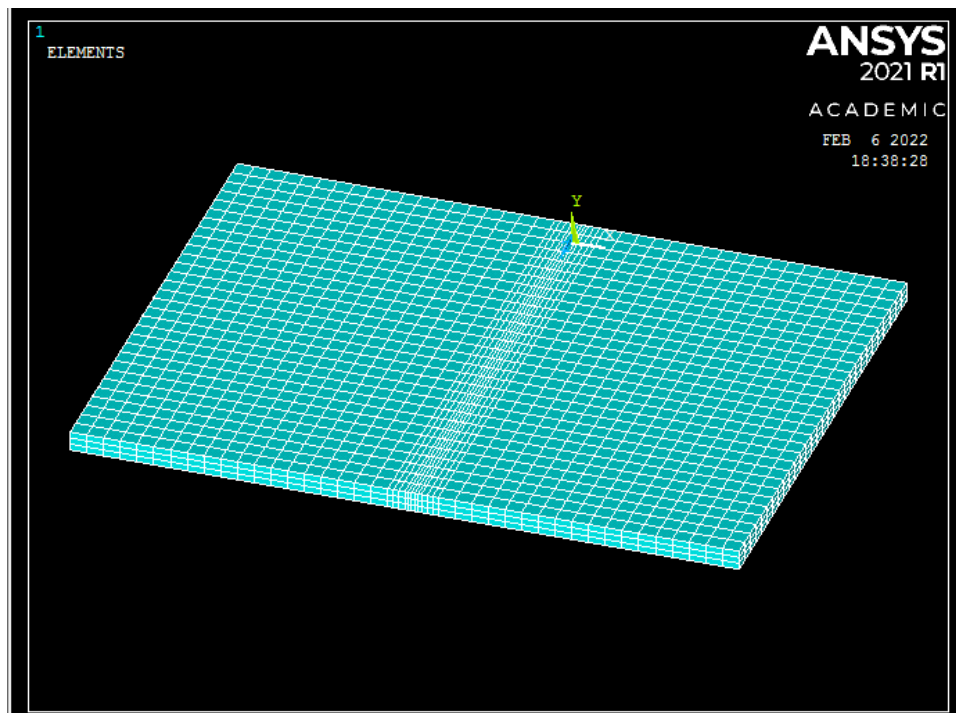
A. Software Ansys 2021 R1



B. Gambar Geometri



C. Meshing



D. Data Material

Temperature (°C)	Specific heat (J/Kg°C)	Conductivity (W/m°C)	Density (Kg/m ³)	Yield stress (MPa)	Thermal exp. Co. eff. (1/°C)	Young's modulus (GPa)	Poisson's ratio
0	462	14.6	7900	265	17.0×10^{-6}	198.5	0.294
100	496	15.1	7880	218	17.4×10^{-6}	193.0	0.295
200	512	16.1	7830	186	18.0×10^{-6}	185.0	0.301
300	525	17.9	7790	170	18.6×10^{-6}	176.0	0.310
400	540	18.0	7750	155	19.1×10^{-6}	167.0	0.318
600	577	20.8	7660	159	19.6×10^{-6}	159.0	0.326
800	604	23.9	7560	91	20.2×10^{-6}	151.0	0.333
1200	676	32.2	7370	25	20.7×10^{-6}	60.0	0.339
1300	692	33.7	7320	21	21.1×10^{-6}	20.0	0.342
1500	700	120	7320	10	21.6×10^{-6}	10.0	0.388

E. Analisa

