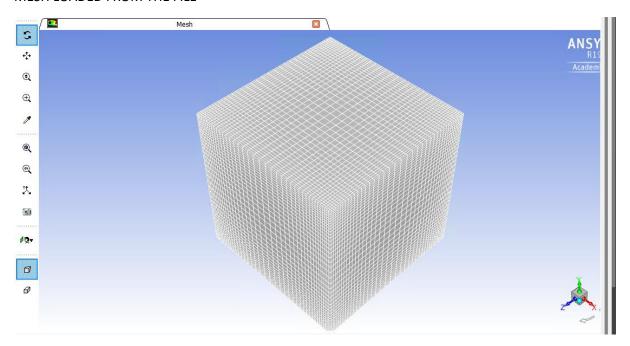
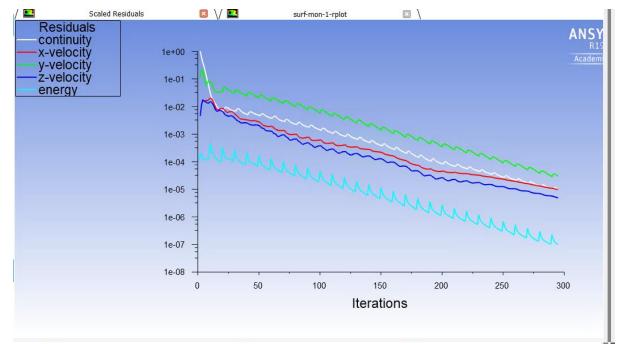
1901ME39

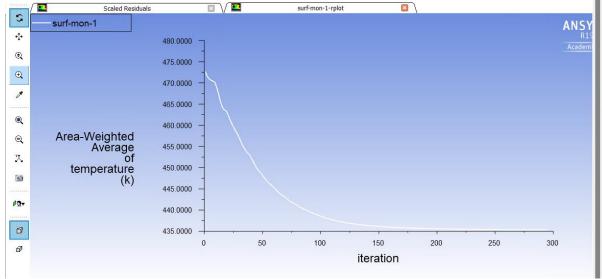
MANOJ KUMAR MADUGULA

ANYSYS FLUENT (CFD) LAB 05

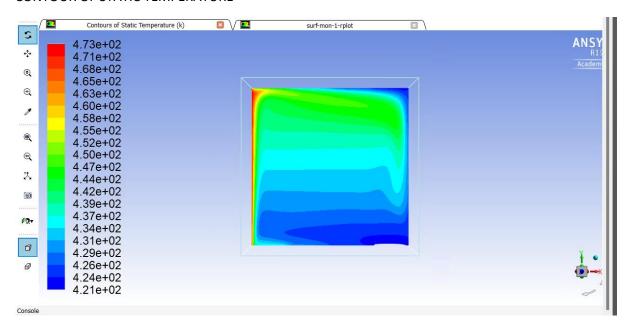
MESH LOADED FROM THE FILE



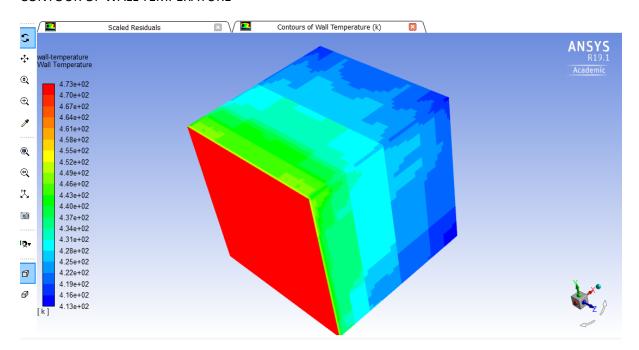




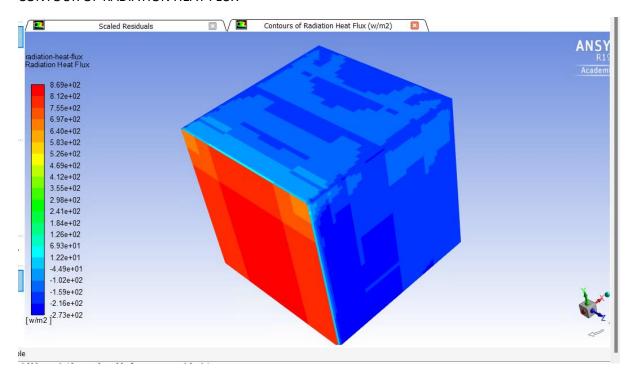
CONTOUR OF STATIC TEMPERATURE



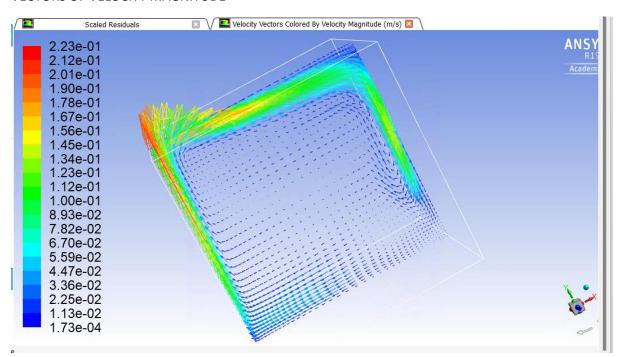
CONTOUR OF WALL TEMPERATURE

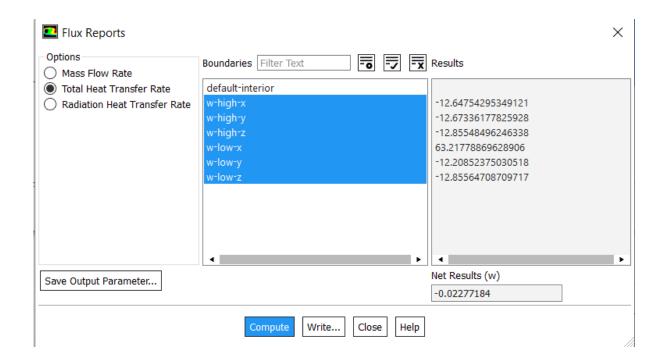


CONTOUR OF RADIATION HEAT FLUX

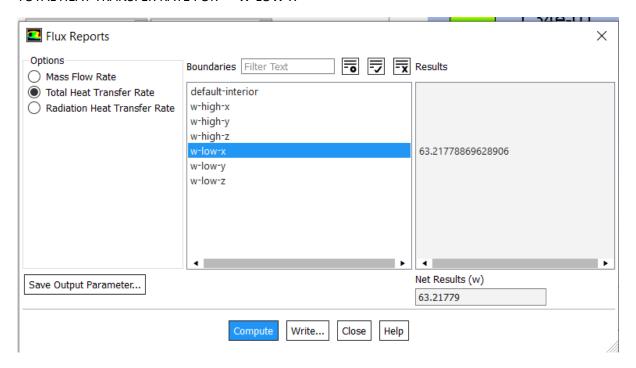


VECTORS OF VELOCITY MAGNITUDE

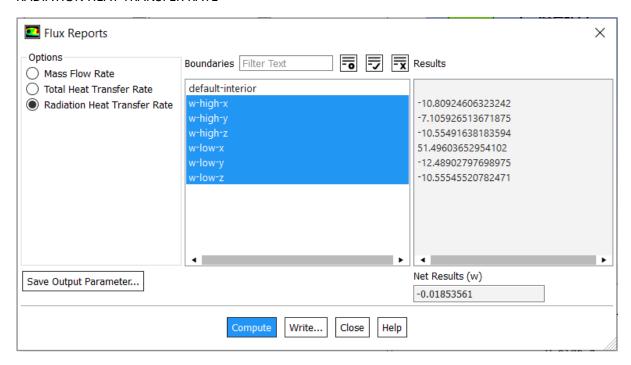




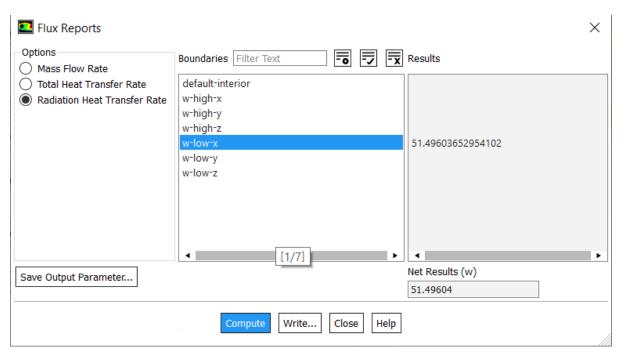
TOTAL HEAT TRANSFER RATE FOR W-LOW-X



RADIATION HEAT TRANSFER RATE

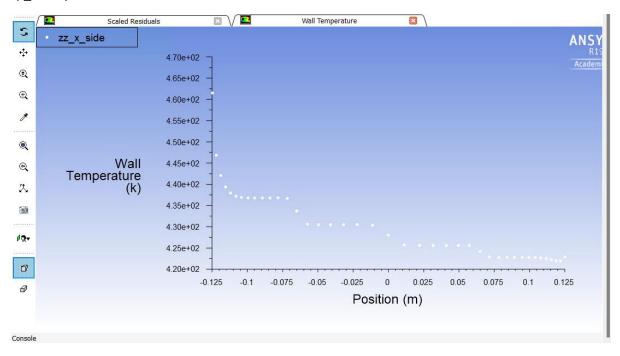


RADIATION HEAT TRANSFER RATE FOR W-LOW-X

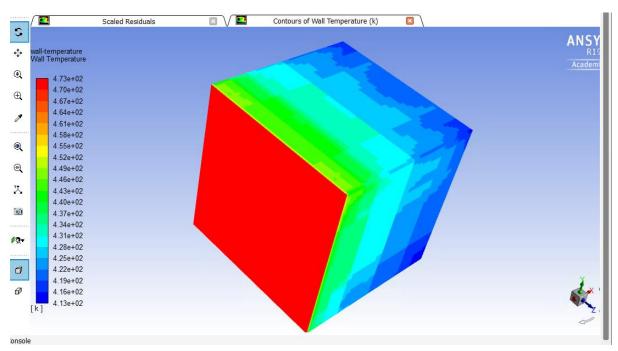


TEMPERATURE PROFILE ALONG THE OUTER SURFACE OF THE BOX for 100 faces

Tp_100.xy

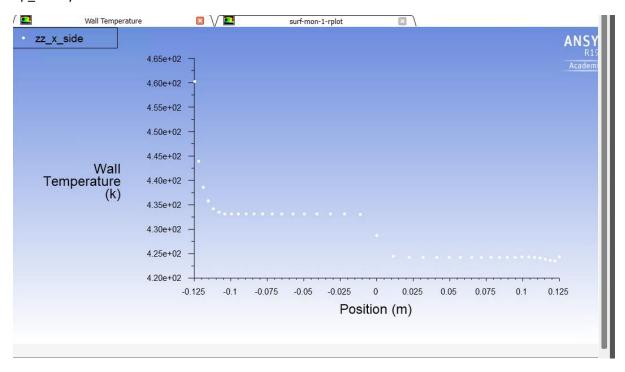


Contour of wall temperature for 100 faces per surface cluster

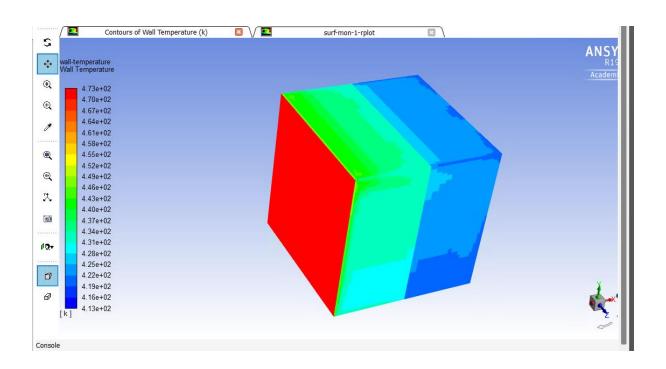


TEMPERATURE PROFILE ALONG THE OUTER SURFACE OF THE BOX for 800 faces

Tp_800.xy

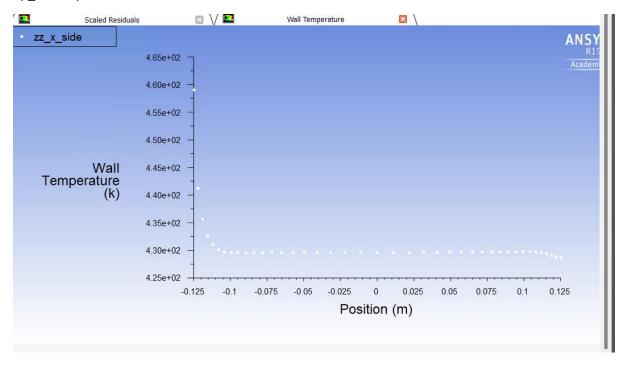


Contour of wall temperature for 800 faces per surface cluster

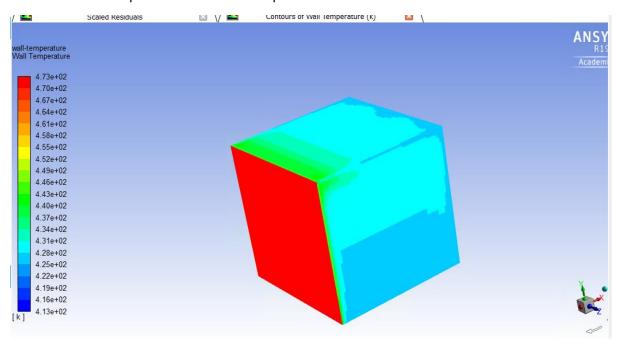


TEMPERATURE PROFILE ALONG THE OUTER SURFACE OF THE BOX for 1600 faces

Tp_1600.xy



Contour of wall temperature for 1600 faces per surface cluster



Wall temperature profile comparison

