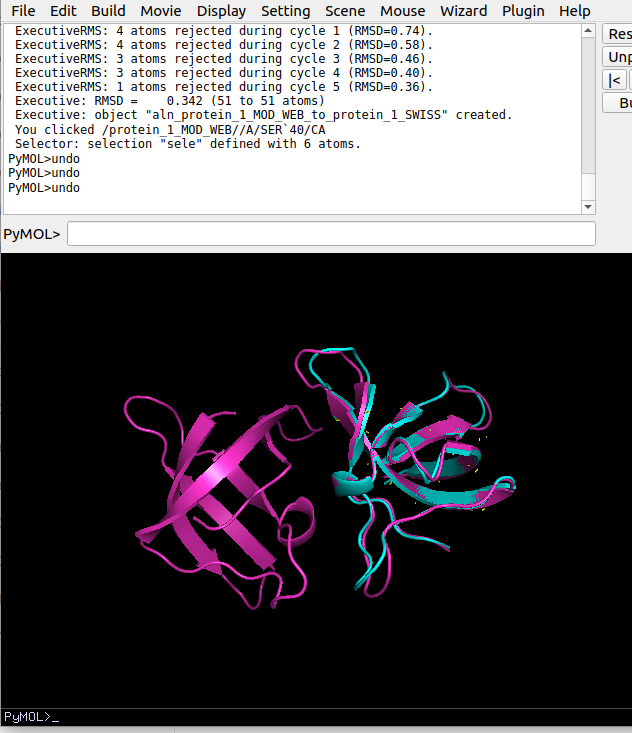
**BT305 LAB 6**

**Name:** Aditya Jindal

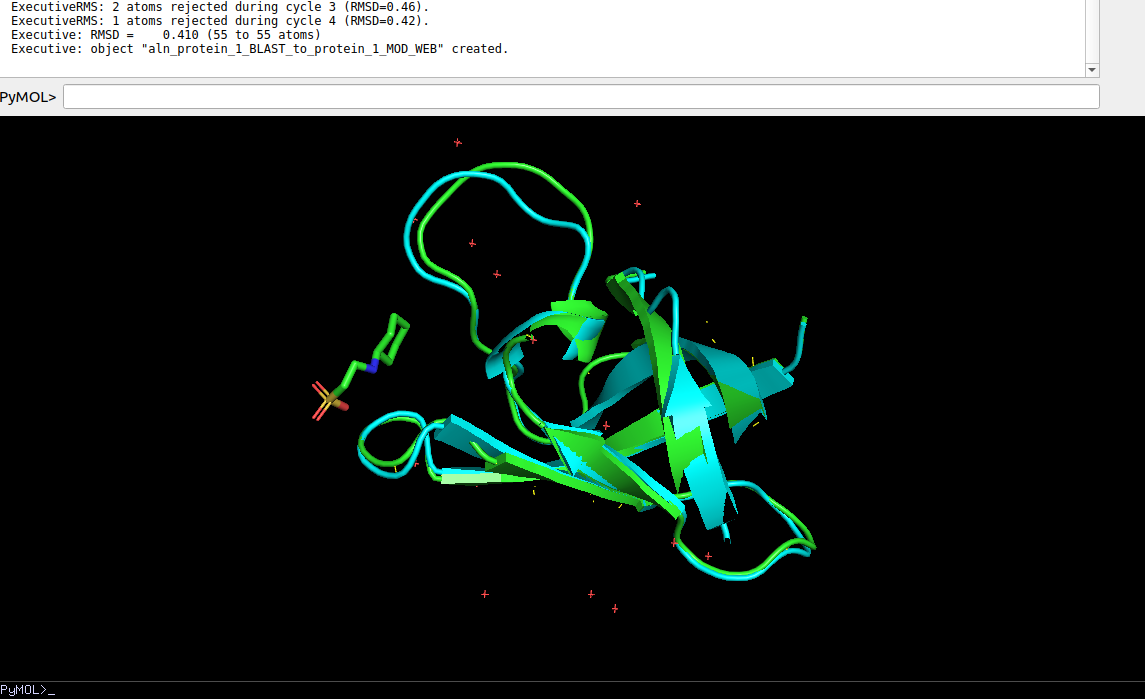
**Roll No.:** 210106004

**MODEL 1 :** Major Cold shock protein from Staphylococcus aureus

Aligning SWISS model and ModWeb model

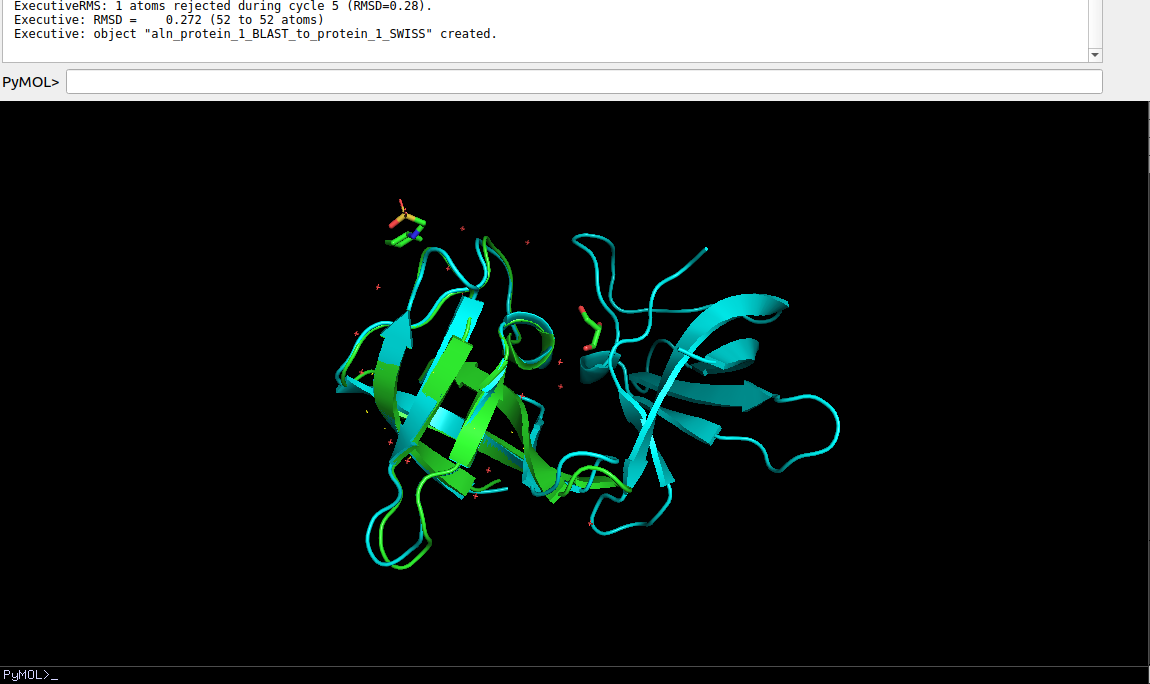
RMSD = 0.342

Aligning BLAST homologous model and ModWeb model



RMSD = 0.410

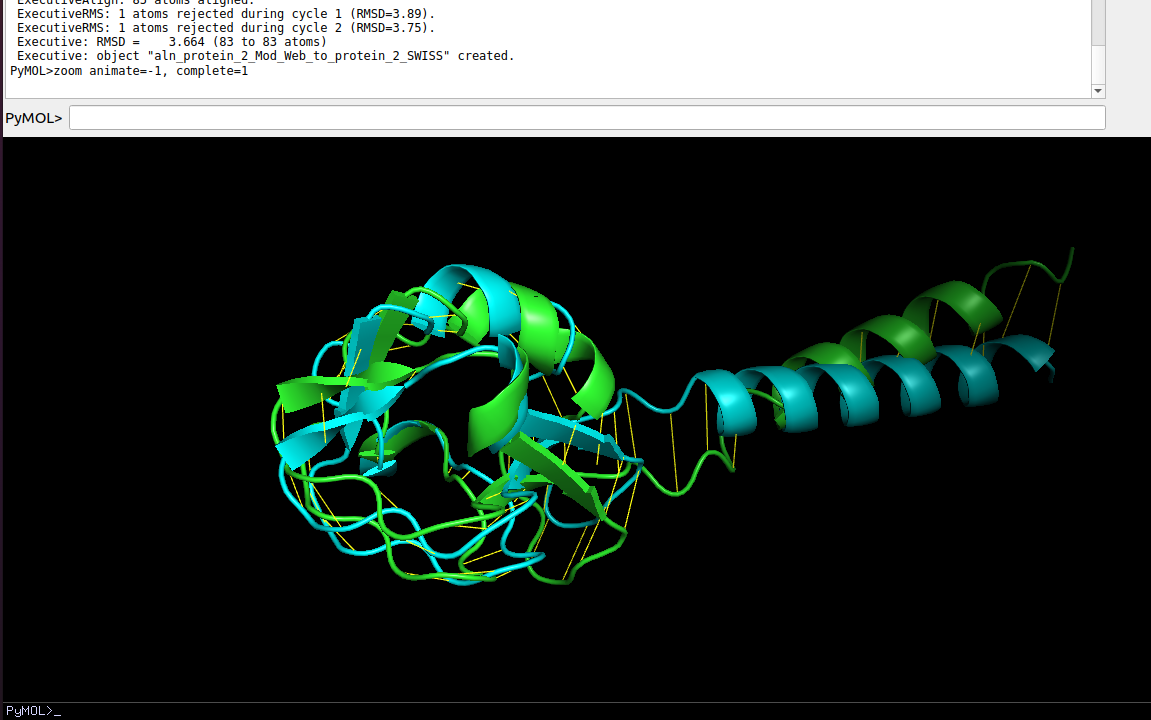
Aligning BLAST homologous model and SWISS model



RMSD = 0.272

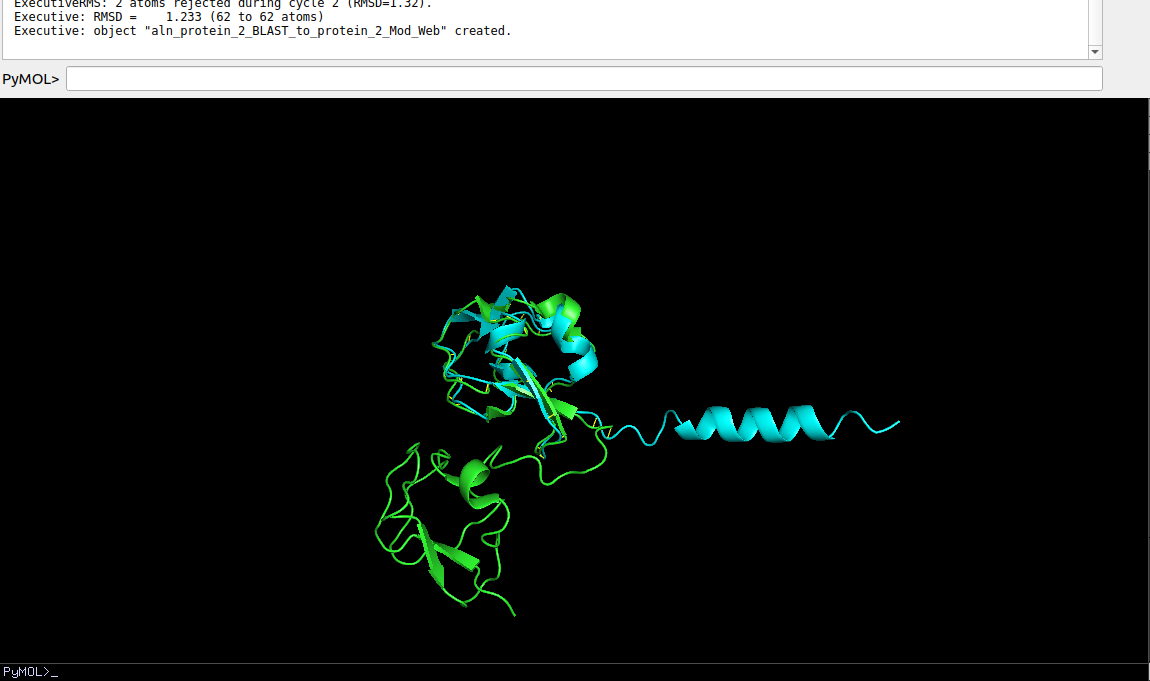
**MODEL 2 :** Antifreeze protein from Pachycara brachycephalum

Aligning SWISS model and ModWeb model



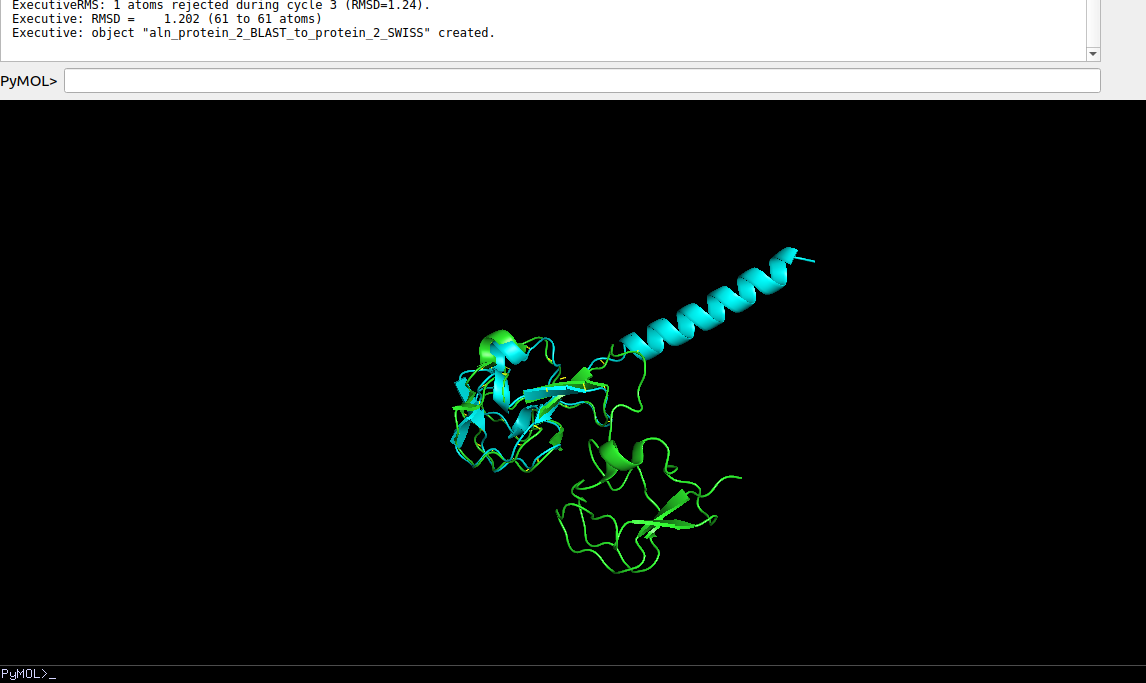
RMSD = 3.664

Aligning BLAST homologous model and ModWeb model



RMSD = 1.233

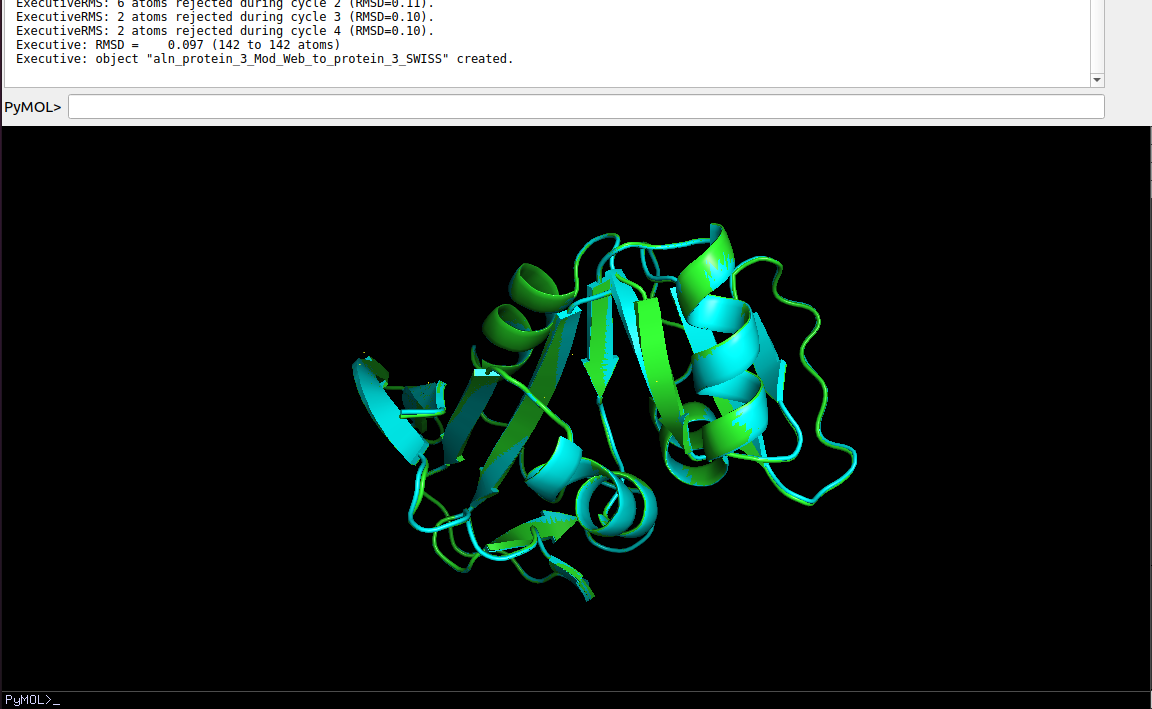
Aligning BLAST homologous model and SWISS model



RMSD = 1.202

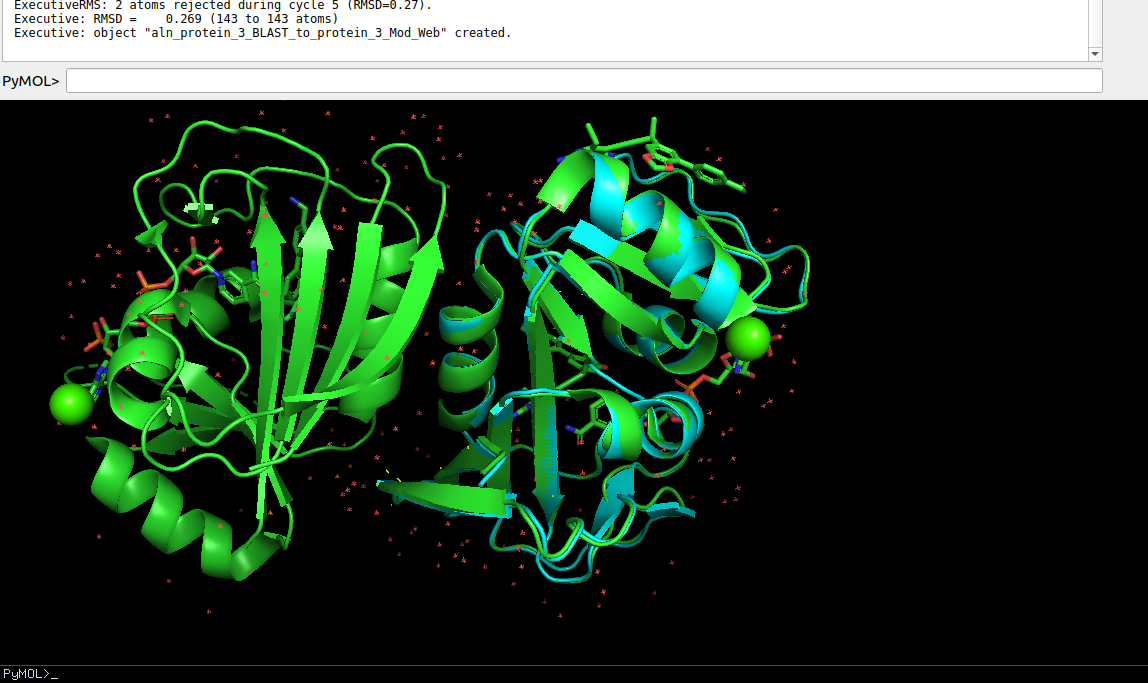
**MODEL 3 -** Dihydrofolate reductase from Vibrio cholerae

Aligning SWISS model and ModWeb model



RMSD = 0.097

Aligning BLAST homologous model and ModWeb model

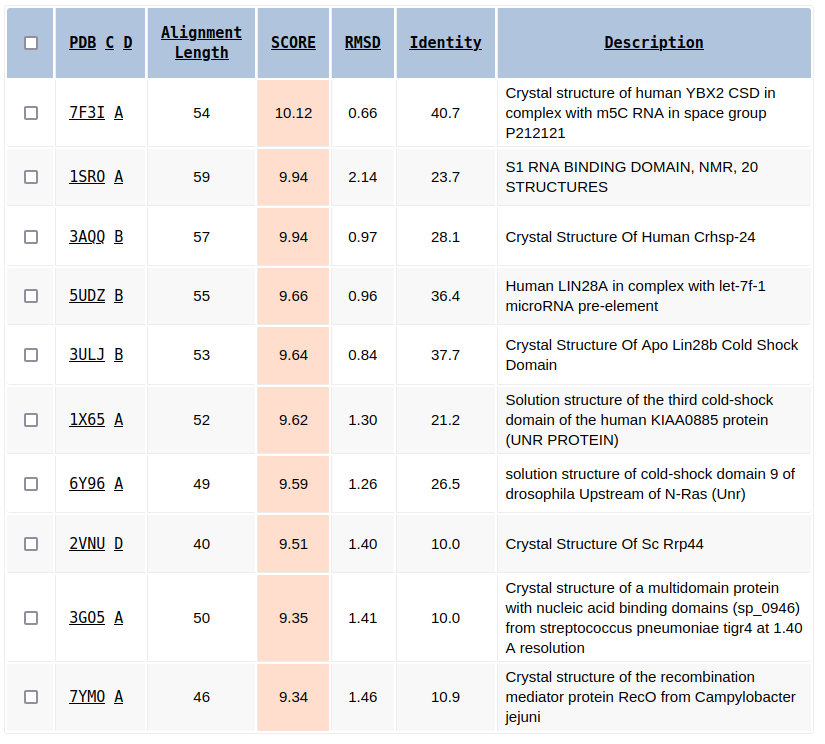
 RMSD = 0.269

Aligning BLAST homologous model and SWISS model

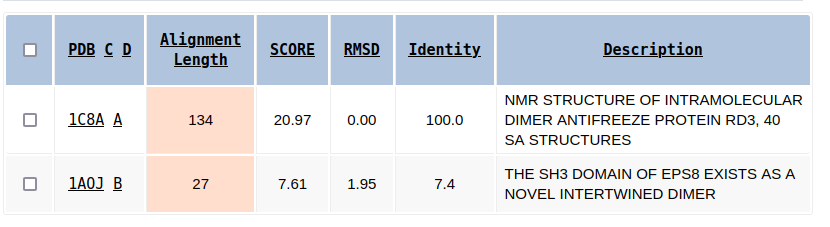
 RMSD = 0.289

**VAST Scores:**

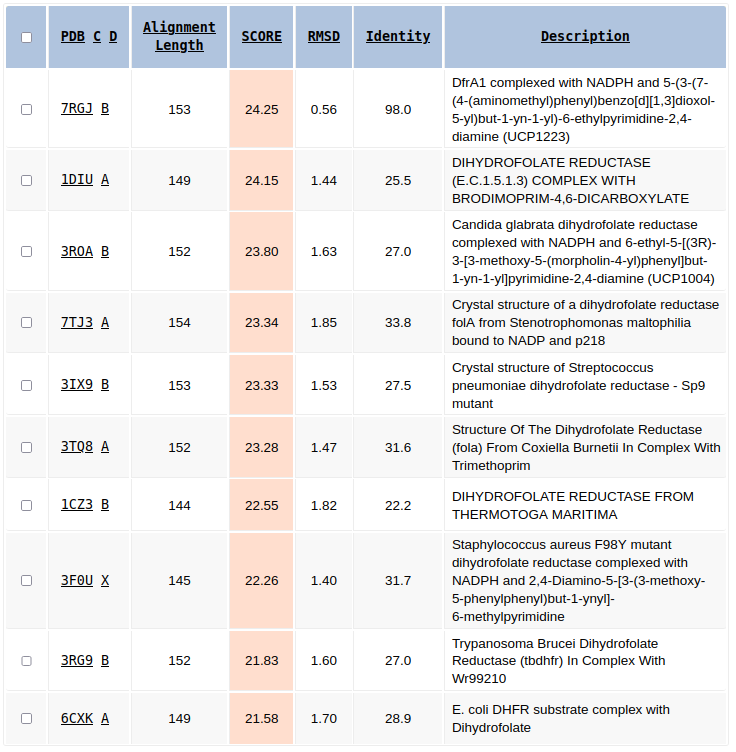
**Model 1:**

****

**Model 2:**

****

**Model 3:**

****