* Complete the following tutorials: (In CATIA’s online help file (Help🡪CATIA V5 Help🡪Home))
  + **Mechanical Design 🡪 Wireframe and Surface:** Getting Started
  + **Mechanical Design 🡪 Sheetmetal Design:** Getting Started
  + **Shape Design and Styling 🡪 Generative Shape Design:** Getting Started
* Create a **Bugatti Veyron Hood,** use the image posted on the website to sketch
  + You must use the Sketch Tracer to create the outline, but you can use any other workbench to finish the part. Make sure it’s a solid part and not just a surface.

# Deliverables:

**Save a single word document in your personal folder under ‘Submitted Problem Sets’ with the following:**

* **Screen captures taken while completing the following tutorials**
  + Mechanical Design 🡪 Wireframe and Surface: Getting Started
  + Mechanical Design 🡪 Sheetmetal Design: Getting Started
  + Shape Design and Styling 🡪 Generative Shape Design: Getting Started
* **Several screen captures and documentation of your Bugatti hood**
* **Summary of lessons learned while completing this HW assignment**
* **Answer the following questions:**
  + How would you convert a 2-dimensional surface into a 3-dimensional part (locate the tool used)? Also, what functionalities are available now that the part is no longer a surface?
  + In the **Bugatti Veyron Hood,** what workbench did you use to create the contoured surface and what’s one way that your hood could be improved?