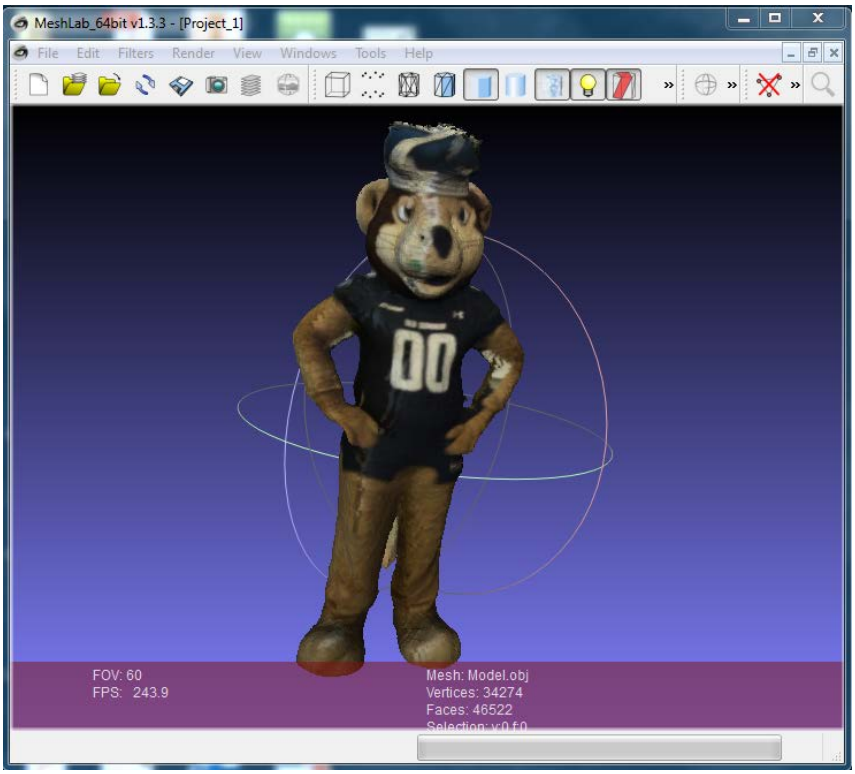
Download attached Big Blue scans, unzip them and process them by the following steps:

**a) Mesh Lab processing**

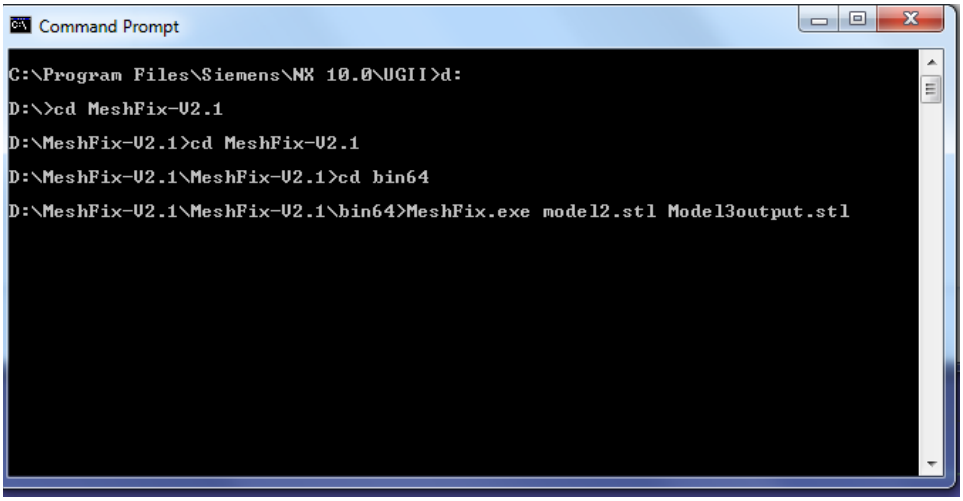
1. Open MeshLab from Start > Programs > MeshLab




1. Edit > Select Faces in Rectangular Region > Select with the rectangular selection what to delete
2. Filters > Selection > Delete Selected Faces
3. File > Export Selected Faces as STL (use some simple name e.g. model01) to the following directory: D:\MeshFix-V2.1\MeshFix-V2.1\bin64

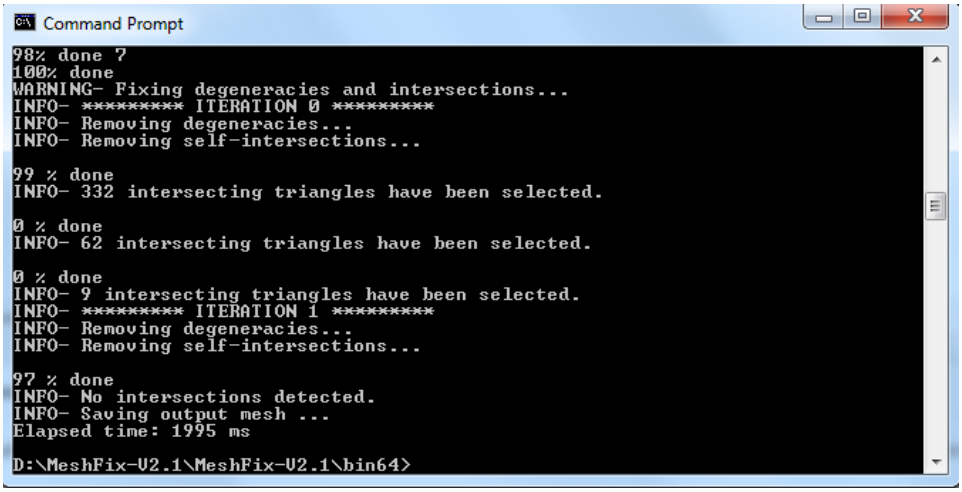
**b) MeshFix**

1. Open Command Prompt (search “command”, click command icon).
2. A few commands:
   a. c: (d:) – go to root directory in c drive (d drive)
   b. cd – change directory; cd .. – change to parent directory
   c. use “tab” key to complete filename.
   d. dir – display files in directory
   e. Basic DOS commands – click here




2. Go to the D:\MeshFix-V2.1\MeshFix-V2.1\bin64

3. Type: “MeshFix.exe model_name.stl new_model_name.stl



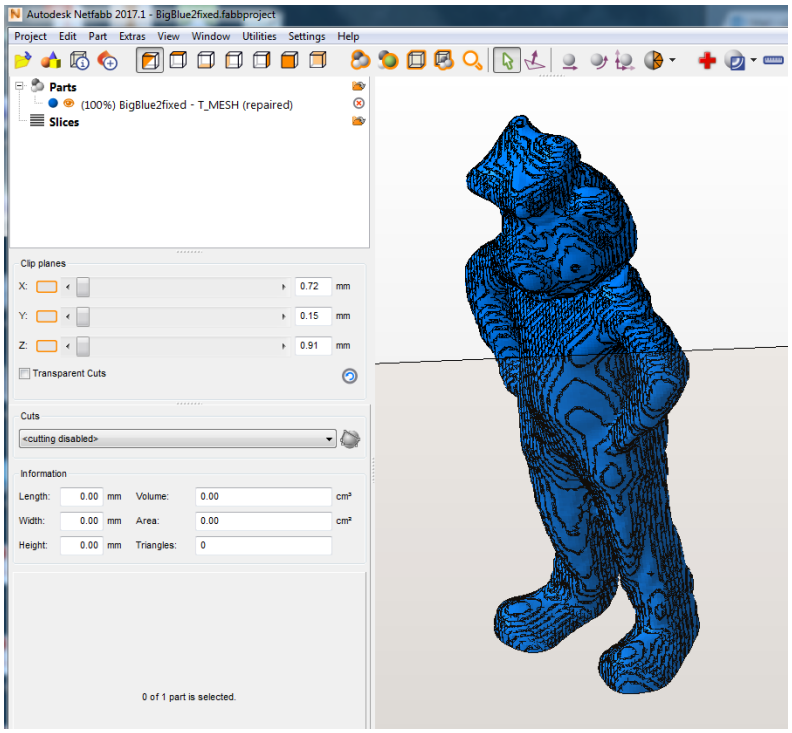

model_name = your model name

new_model_name = assign new model

## c) Autodesk Netfabb

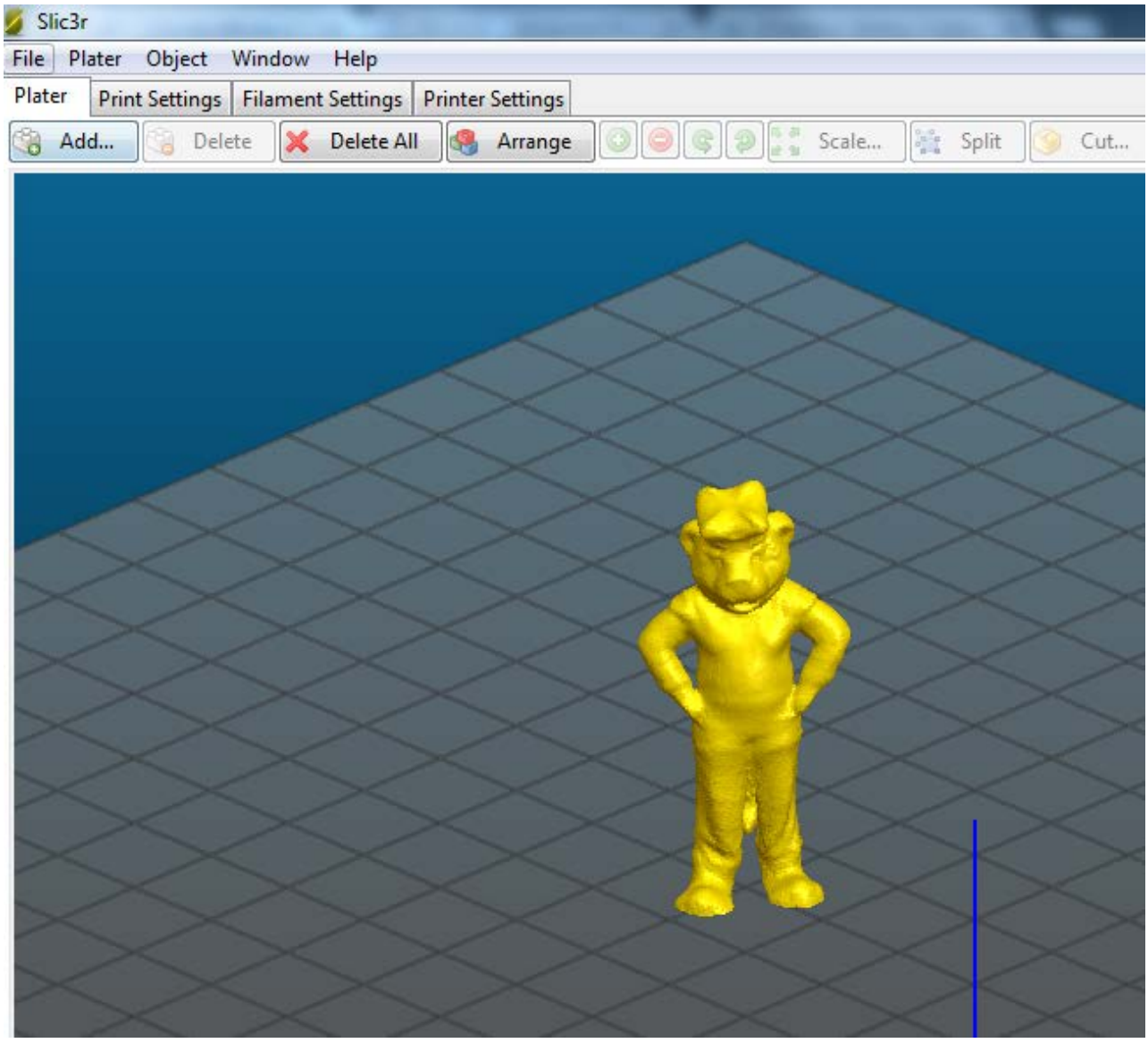
1. Open the file in Netfabb

2. Go to Extras > Repair Part



3. Part > Export Part > As STL

**d) Import STL to Slic3R and Generate G code**




Create the Word file with pictures of your steps. Add your name, course, semester and reflection related to the steps completed. Upload STL and G code files generated during this activity to the Google Drive and as a response to this Homework.