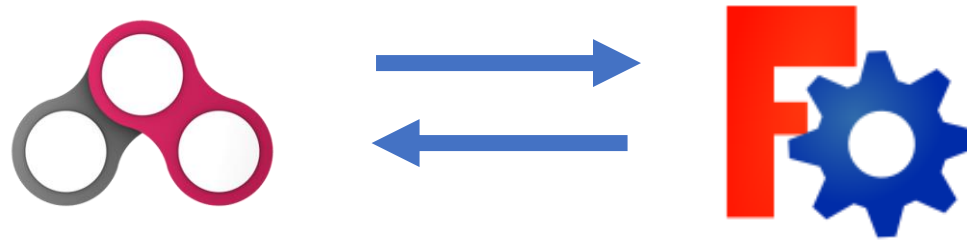
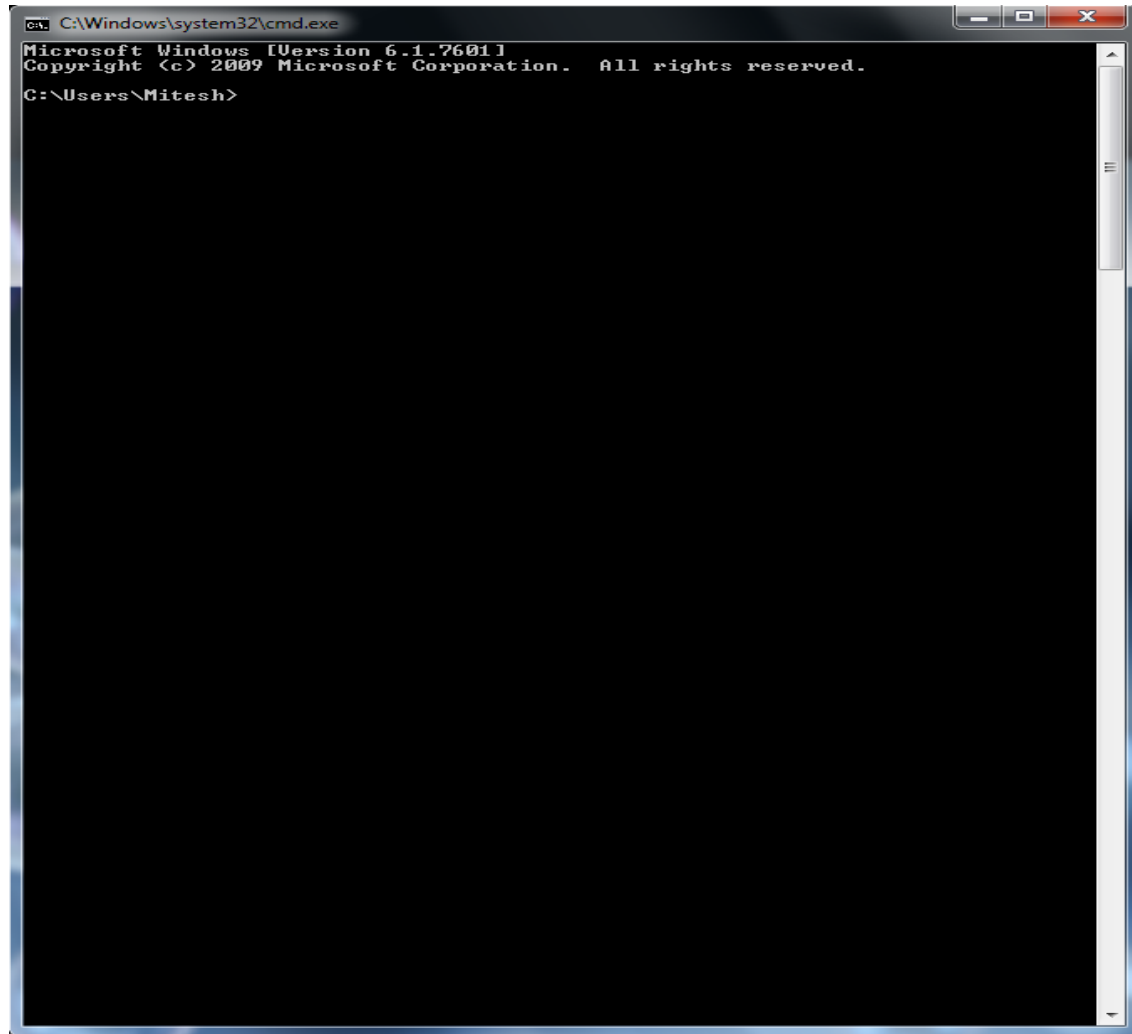


# Importing BRL-CAD Model To FreeCAD In Windows



1. Open Cmd in windows by clicking on start and typing cmd in it or by pressing win+r key and then type cmd in run window and press enter. Cmd.exe should open.

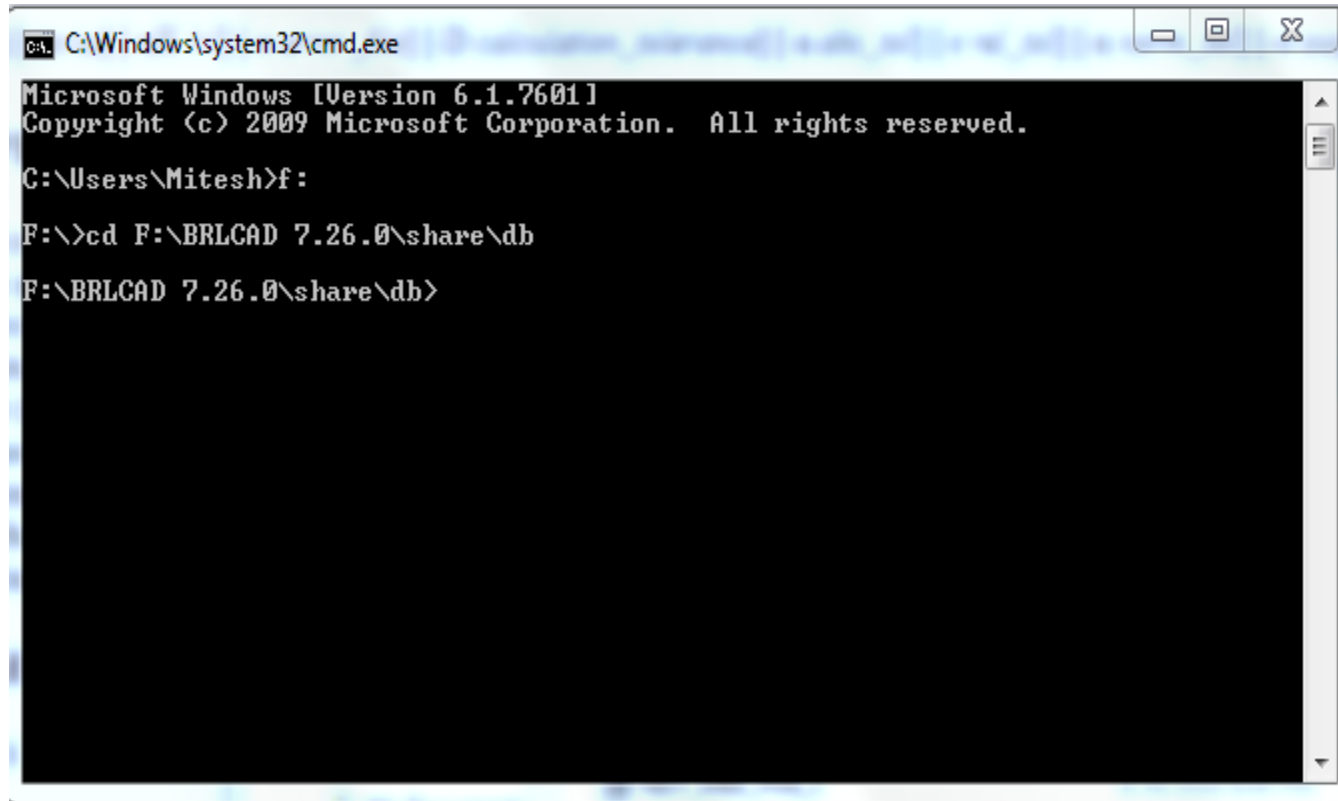
A screenshot of a Windows Command Prompt window. The title bar at the top reads "C:\Windows\system32\cmd.exe". The main area of the window is black with white text. The text displayed is: "Microsoft Windows [Version 6.1.7601]  
Copyright (c) 2009 Microsoft Corporation. All rights reserved.  
C:\Users\Mitesh>". The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Users\Mitesh>
```

2. Go to the folder where you have your .g BRL-CAD geometry file.

To surf through drives simply type the drive name followed by “:”

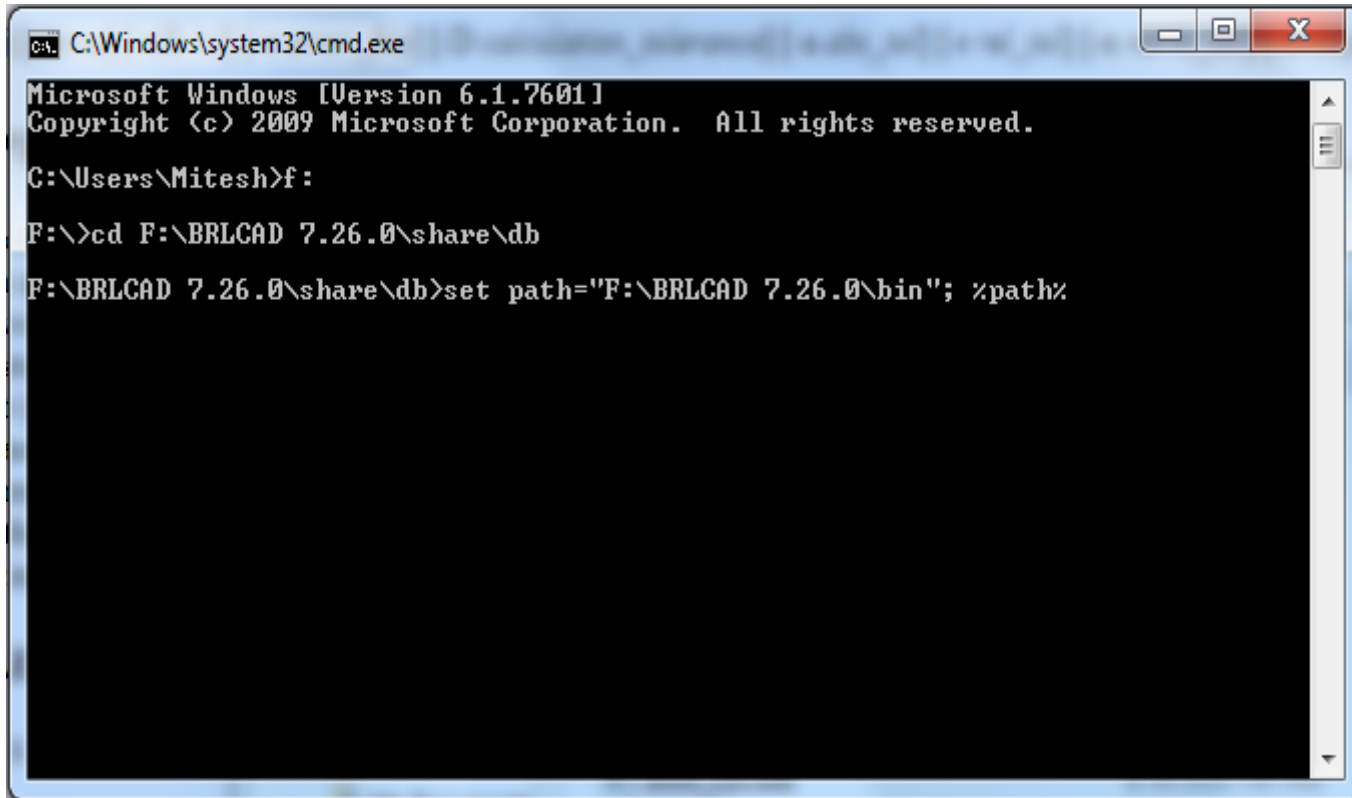
To move through folders use cd command.



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Mitesh>f:
F:\>cd F:\BRLCAD 7.26.0\share\db
F:\BRLCAD 7.26.0\share\db>
```

3. Now set the path for g-stl.exe in the system environment variable using the command:-  
`set path="(location of g-stl.exe)"; %path%`

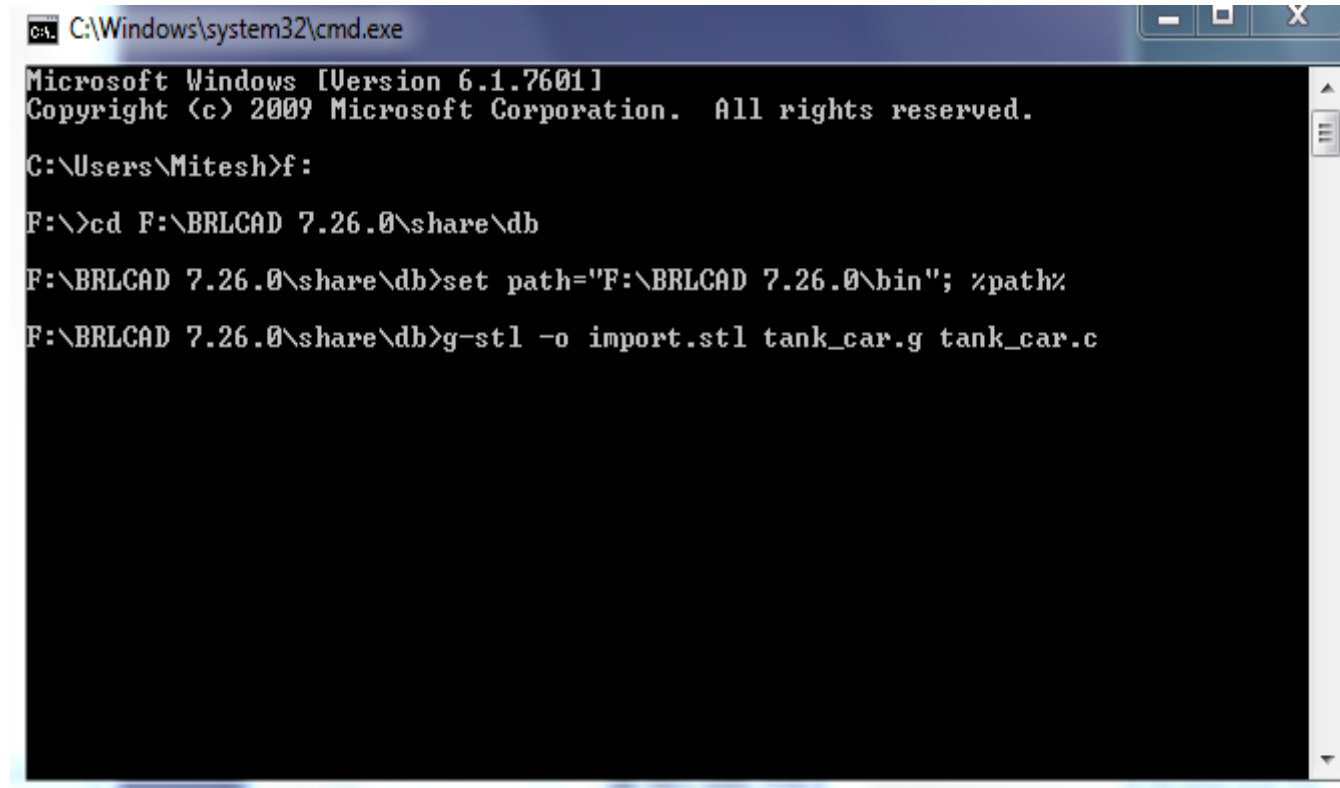


```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Mitesh>f:
F:\>cd F:\BRLCAD 7.26.0\share\db
F:\BRLCAD 7.26.0\share\db>set path="F:\BRLCAD 7.26.0\bin"; %path%
```

4. Now use the `g-stl` command as shown below and hit enter:

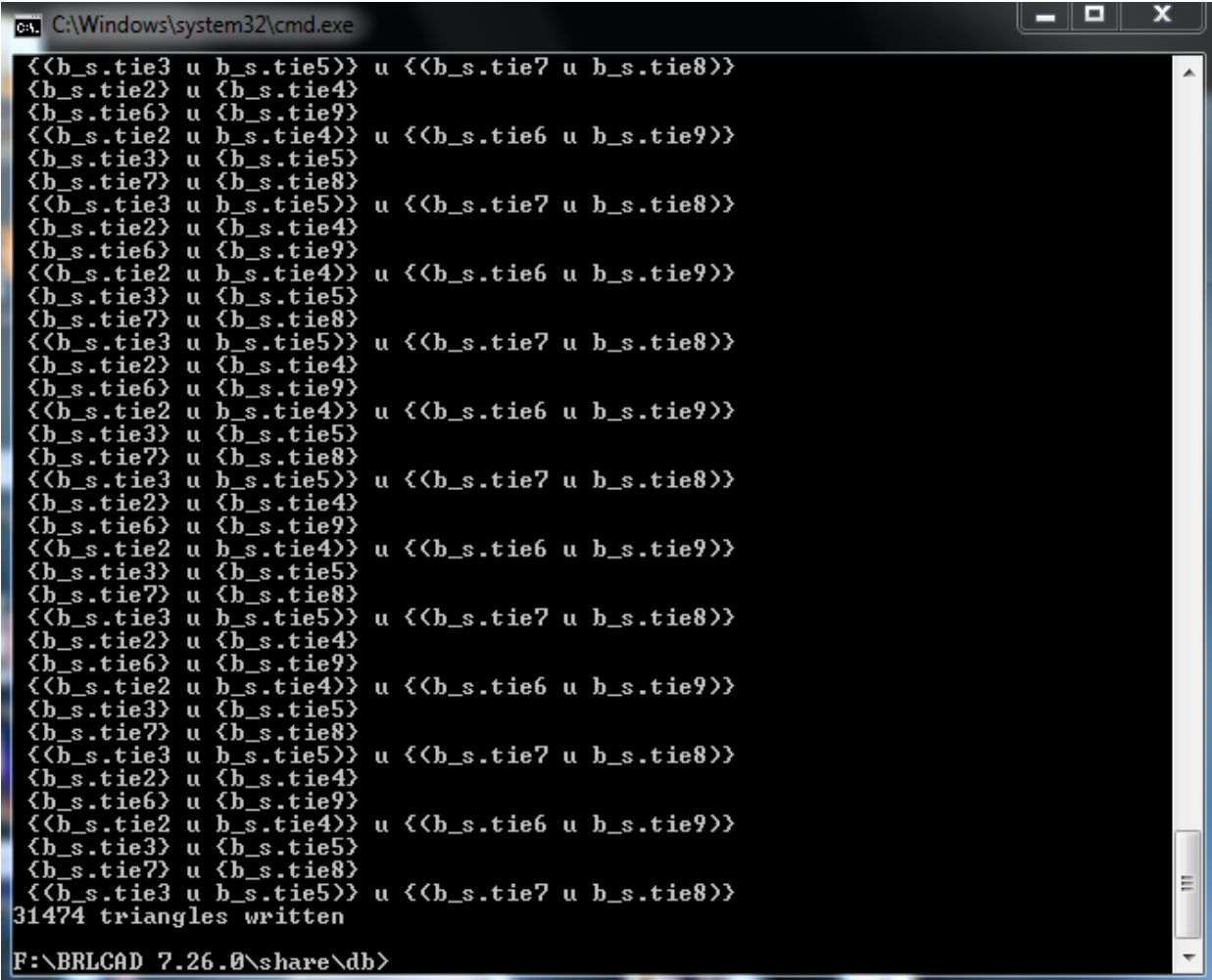
`g-stl -o file_name.stl geometry_file.g object`



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

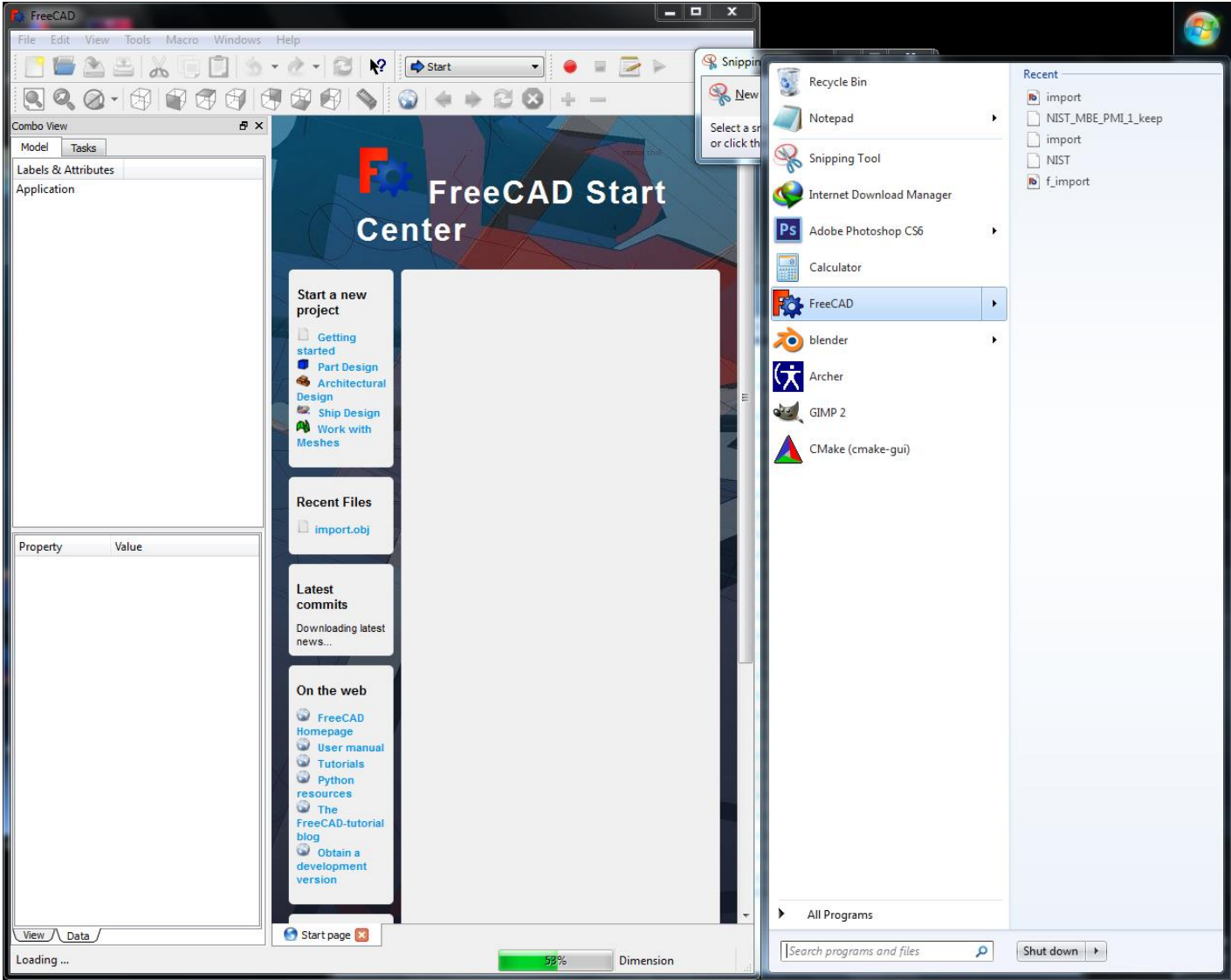
C:\Users\Mitesh>f:
F:\>cd F:\BRLCAD 7.26.0\share\db
F:\BRLCAD 7.26.0\share\db>set path="F:\BRLCAD 7.26.0\bin"; %path%
F:\BRLCAD 7.26.0\share\db>g-stl -o import.stl tank_car.g tank_car.c
```

You should see something like this

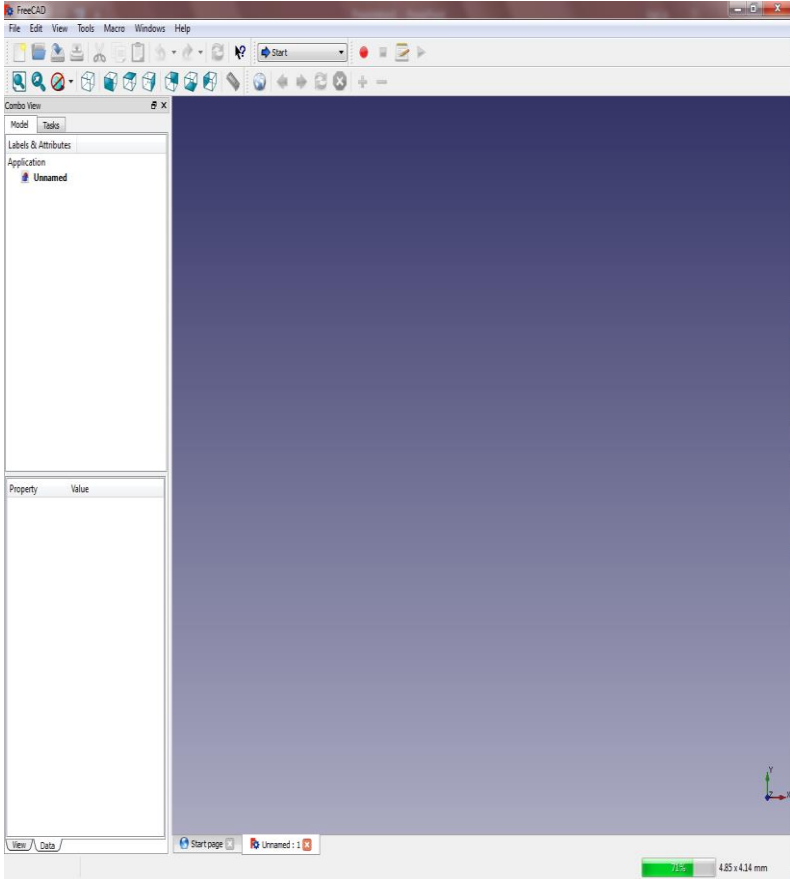
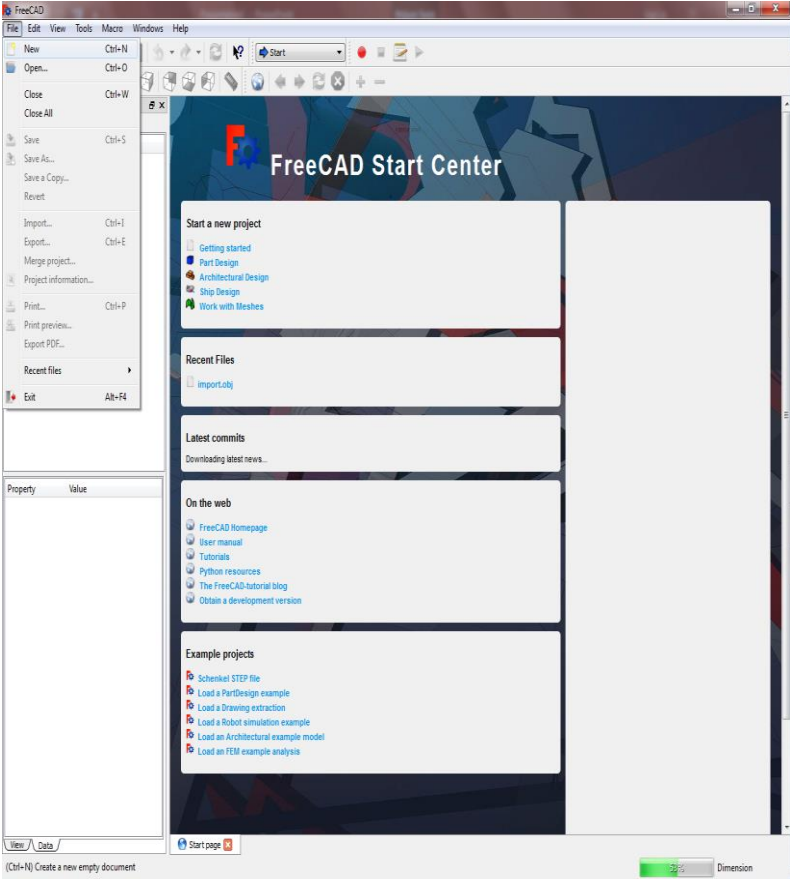


```
C:\Windows\system32\cmd.exe
<<(h_s.tie3 u b_s.tie5)>> u <<(h_s.tie7 u b_s.tie8)>>
<b_s.tie2> u <b_s.tie4>
<b_s.tie6> u <b_s.tie9>
<<(h_s.tie2 u b_s.tie4)>> u <<(h_s.tie6 u b_s.tie9)>>
<b_s.tie3> u <b_s.tie5>
<b_s.tie7> u <b_s.tie8>
<<(h_s.tie3 u b_s.tie5)>> u <<(h_s.tie7 u b_s.tie8)>>
<b_s.tie2> u <b_s.tie4>
<b_s.tie6> u <b_s.tie9>
<<(h_s.tie2 u b_s.tie4)>> u <<(h_s.tie6 u b_s.tie9)>>
<b_s.tie3> u <b_s.tie5>
<b_s.tie7> u <b_s.tie8>
<<(h_s.tie3 u b_s.tie5)>> u <<(h_s.tie7 u b_s.tie8)>>
<b_s.tie2> u <b_s.tie4>
<b_s.tie6> u <b_s.tie9>
<<(h_s.tie2 u b_s.tie4)>> u <<(h_s.tie6 u b_s.tie9)>>
<b_s.tie3> u <b_s.tie5>
<b_s.tie7> u <b_s.tie8>
<<(h_s.tie3 u b_s.tie5)>> u <<(h_s.tie7 u b_s.tie8)>>
<b_s.tie2> u <b_s.tie4>
<b_s.tie6> u <b_s.tie9>
<<(h_s.tie2 u b_s.tie4)>> u <<(h_s.tie6 u b_s.tie9)>>
<b_s.tie3> u <b_s.tie5>
<b_s.tie7> u <b_s.tie8>
<<(h_s.tie3 u b_s.tie5)>> u <<(h_s.tie7 u b_s.tie8)>>
<b_s.tie2> u <b_s.tie4>
<b_s.tie6> u <b_s.tie9>
<<(h_s.tie2 u b_s.tie4)>> u <<(h_s.tie6 u b_s.tie9)>>
<b_s.tie3> u <b_s.tie5>
<b_s.tie7> u <b_s.tie8>
<<(h_s.tie3 u b_s.tie5)>> u <<(h_s.tie7 u b_s.tie8)>>
31474 triangles written
F:\BRLCAD 7.26.0\share\db>
```

# 5. Open FreeCAD

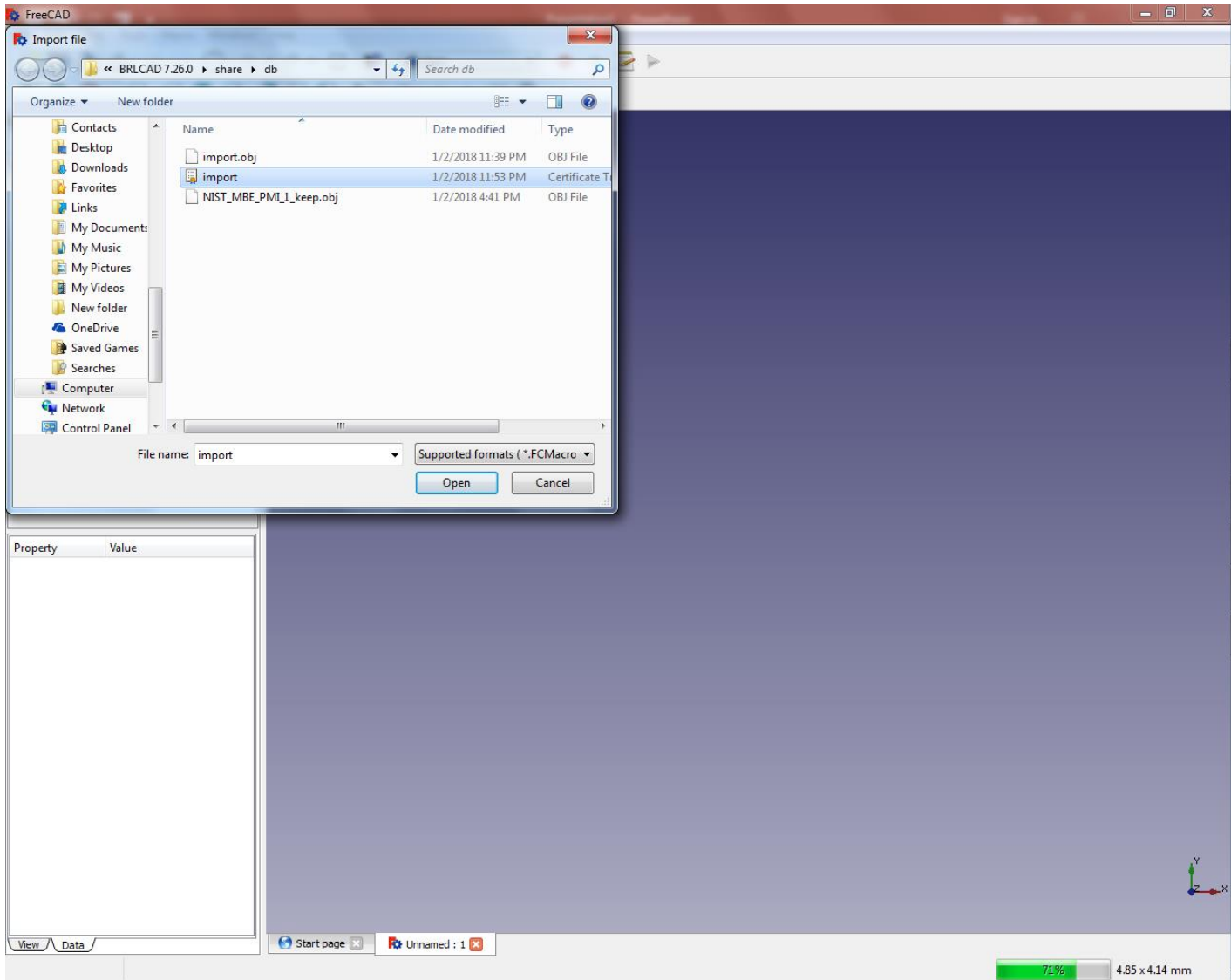


# 6. Go to file>>New or press ctrl+N

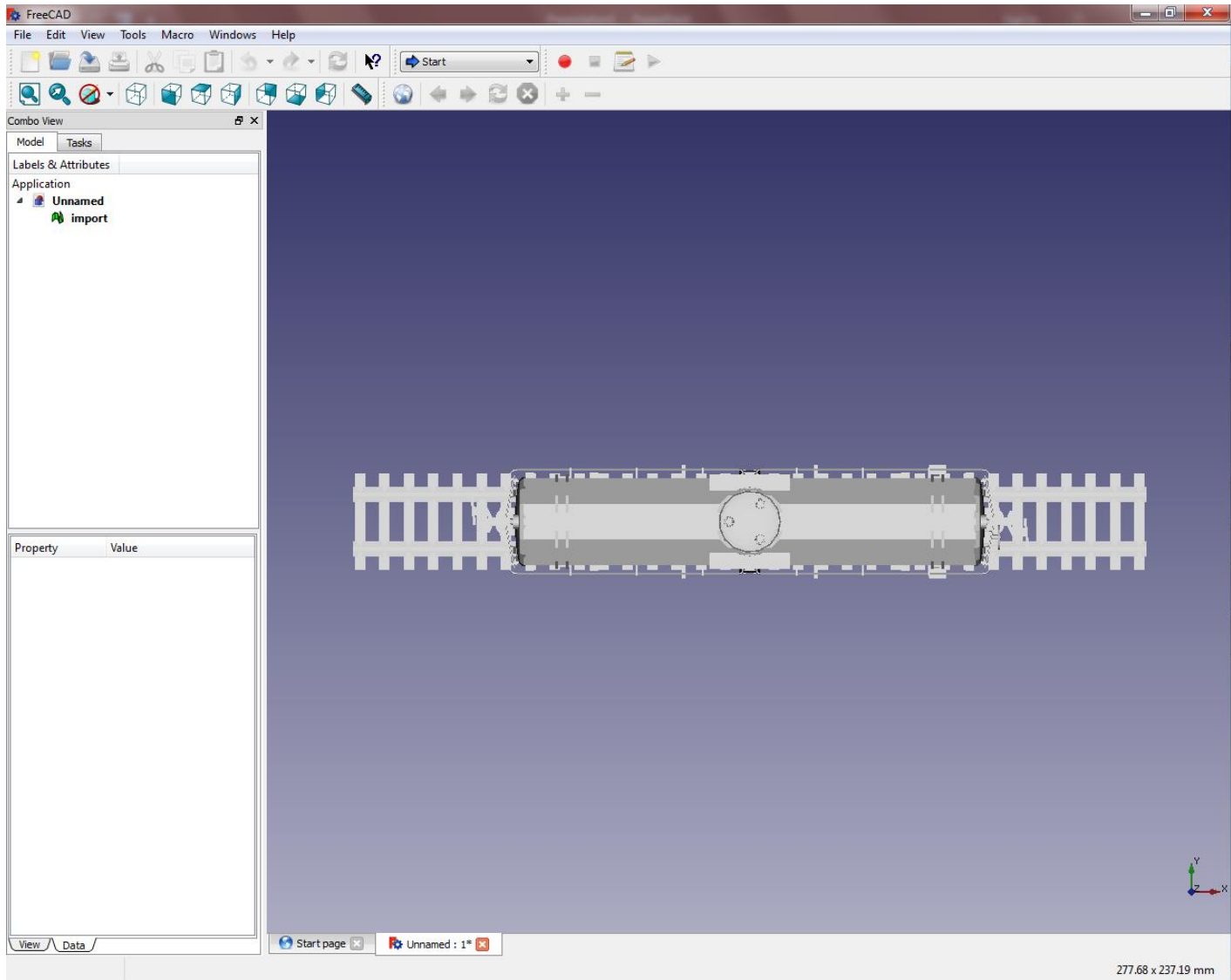




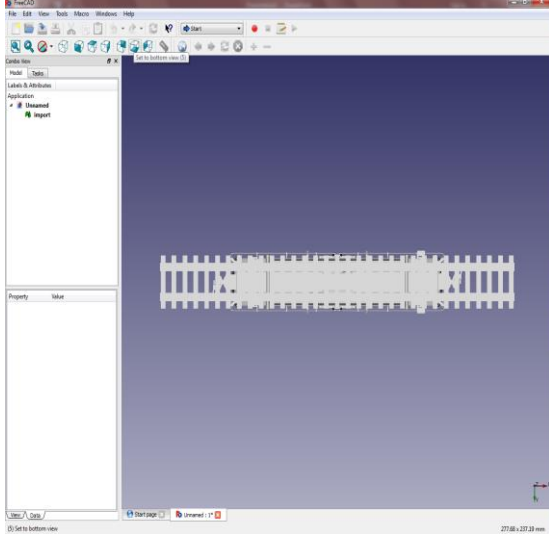
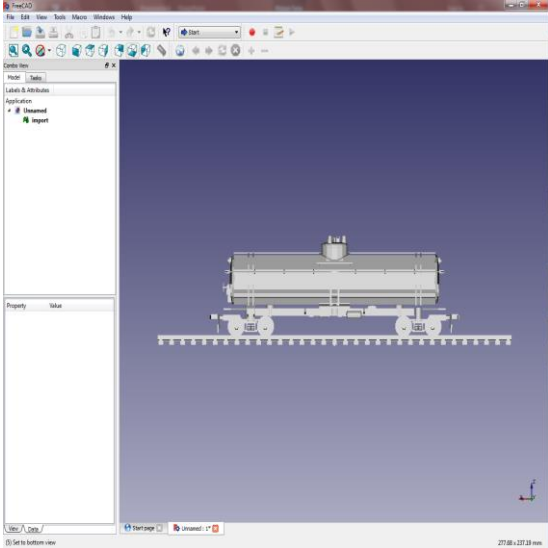
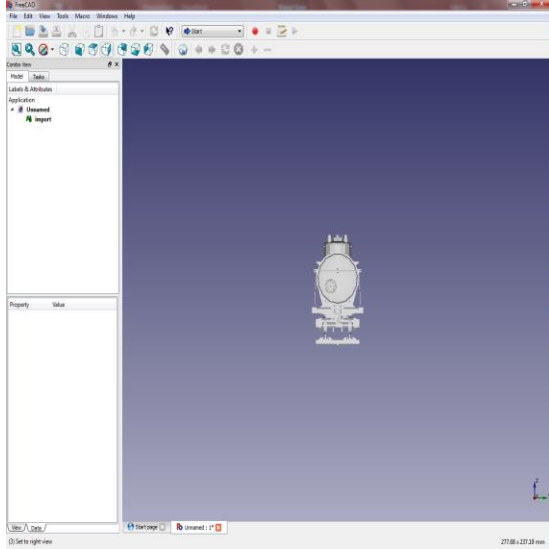
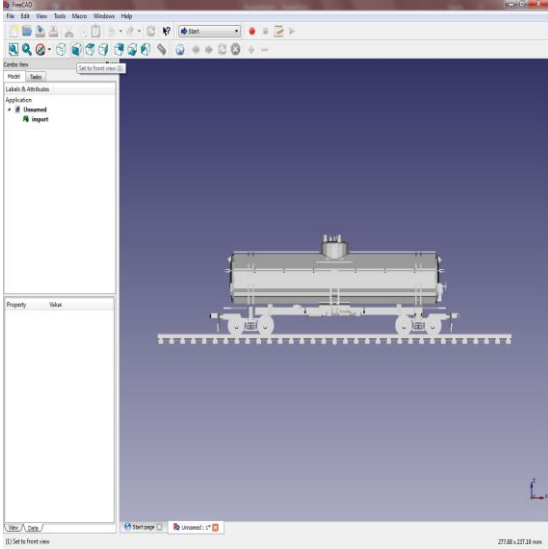
7. Go to file>>import. A browsing window shall appear. Browse to the location of your .stl file. Select it and click open.



# 8. Your object is imported in FreeCAD.



# 8. Check your object from different views.





Thank you

