How to Import a FREECAD model to BRLCAD (Windows Version)

- BRLCAD and FREECAD both belong to the CAD industry , they are both very interesting & handy soft wares especially for 3D modelling

- BRLCAD has many such applications for different uses, for 3D modelling BRLCAD has 'mged' . It is a nice & easy way to create 3D objects and manoeuvre them to create top level design.

- In This Tutorial, we will learn step by step & in detail how to import a model from FREECAD to BRLCAD, lets jump in

1) Open FREECAD.exe and then create a new project .

Now if you want to create a design using Part Design or any other such feature (for more details see
https://www.freecadweb.org/wiki/Getting_started)

Save the file and then select objects you want to export and click on export and then export it to BRLCAD/bin/ as an .obj file
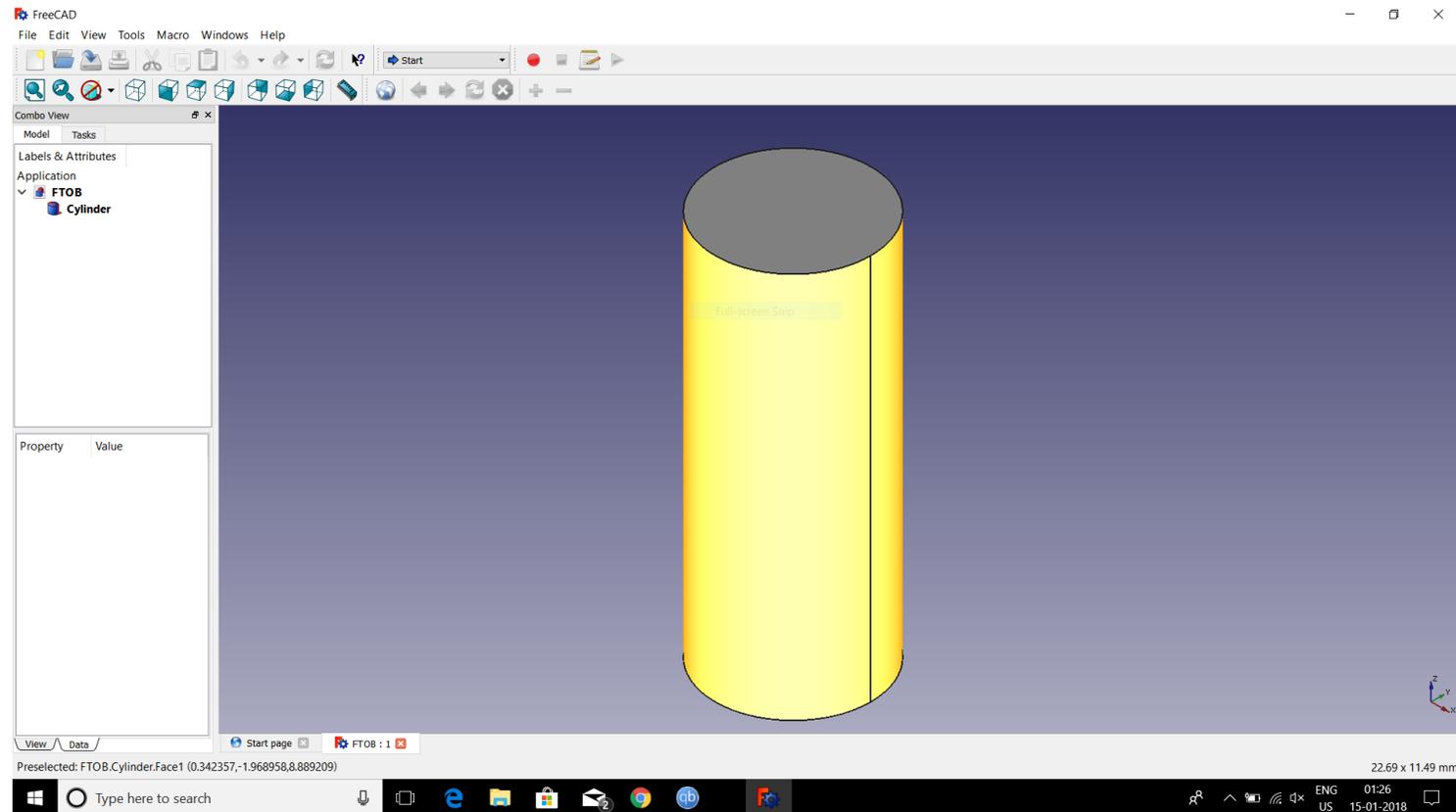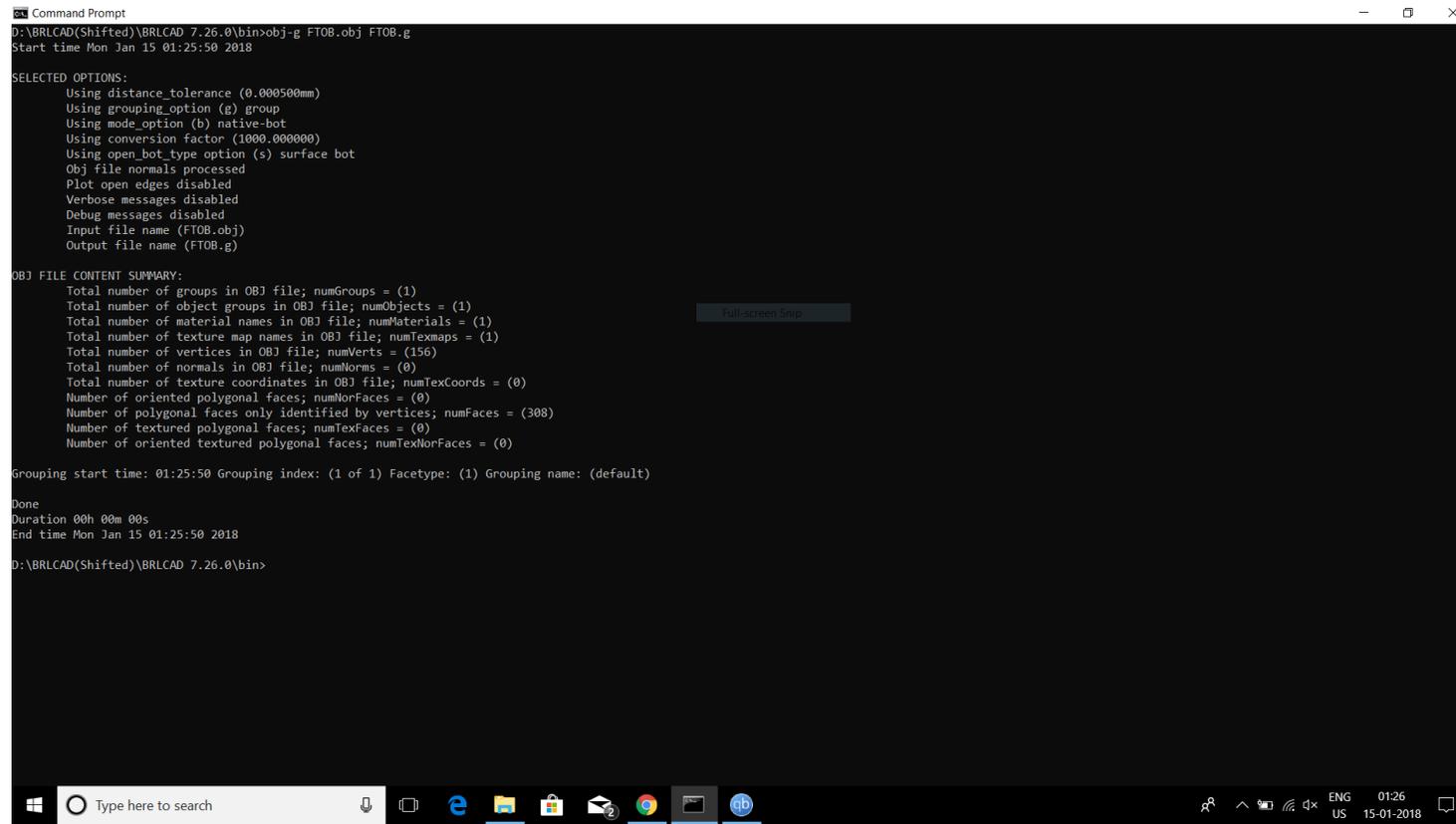
2) Open Command Prompt using cd & dir commands reach the folder where you installed BRLCAD for example - BRLCAD 7.26.0/bin/.

Now type in obj-g filename.obj filename.g
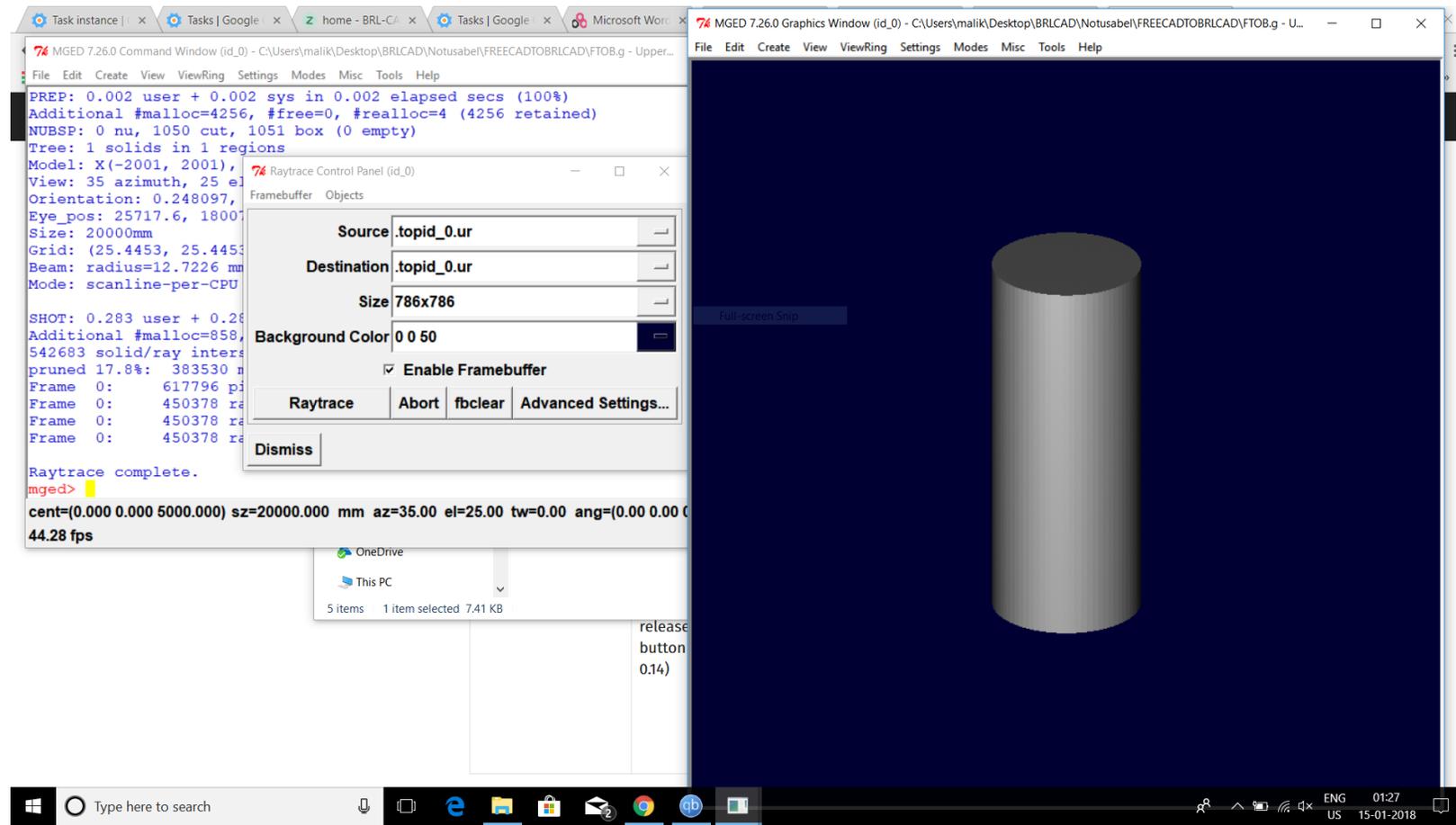
The prototype of the command is : [obj-g file_as.obj file_as.g]

& hit enter

3) Using Windows Explorer reach where you installed BRLCAD (/bin/)

and you will find the .g file you just converted . Now , open the .g file using mged.exe and there you have it your FREECAD model converted into a BRLCAD model , now mged is a great place for 3D modelling

For more information or instructions on how to use mged , see

http://brlcad.org/wiki/Documentation

THANK YOU