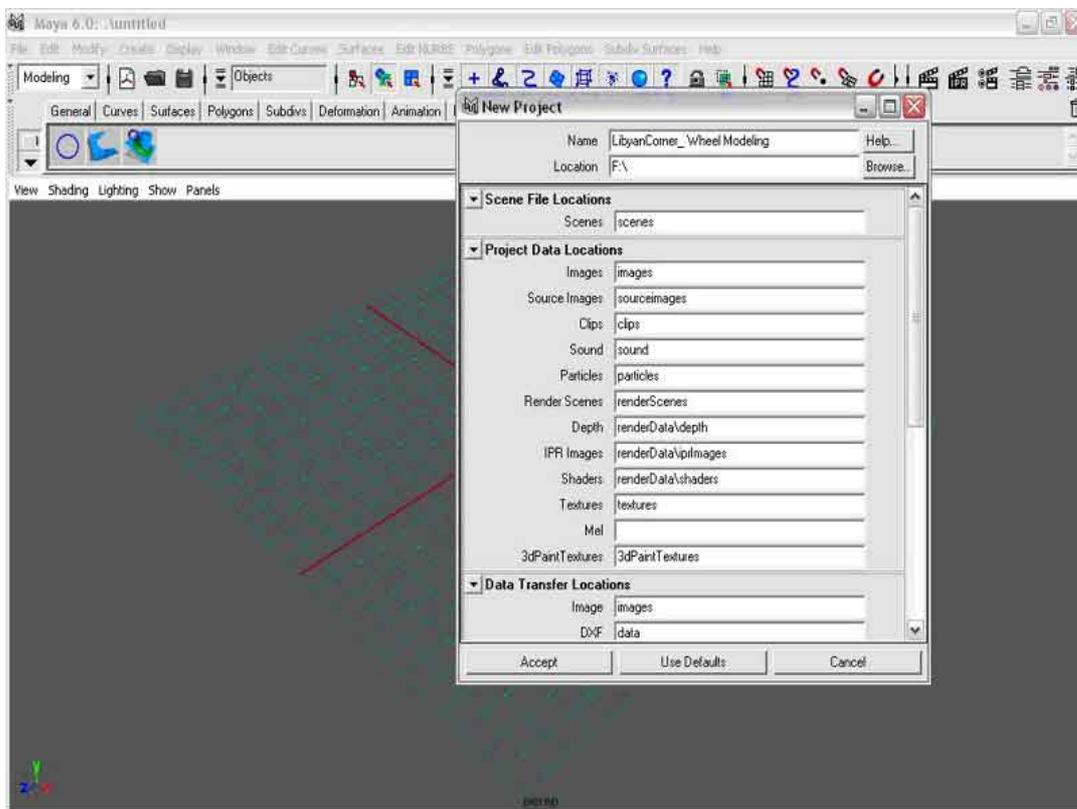


6.0

الجزء الاول : تصميم ال Rim:

-1

File-> Project->New->use defaults->accept



-2

create->NURBS preemptive->circle ->option box->reset
shelf ->Rim_shelf settings

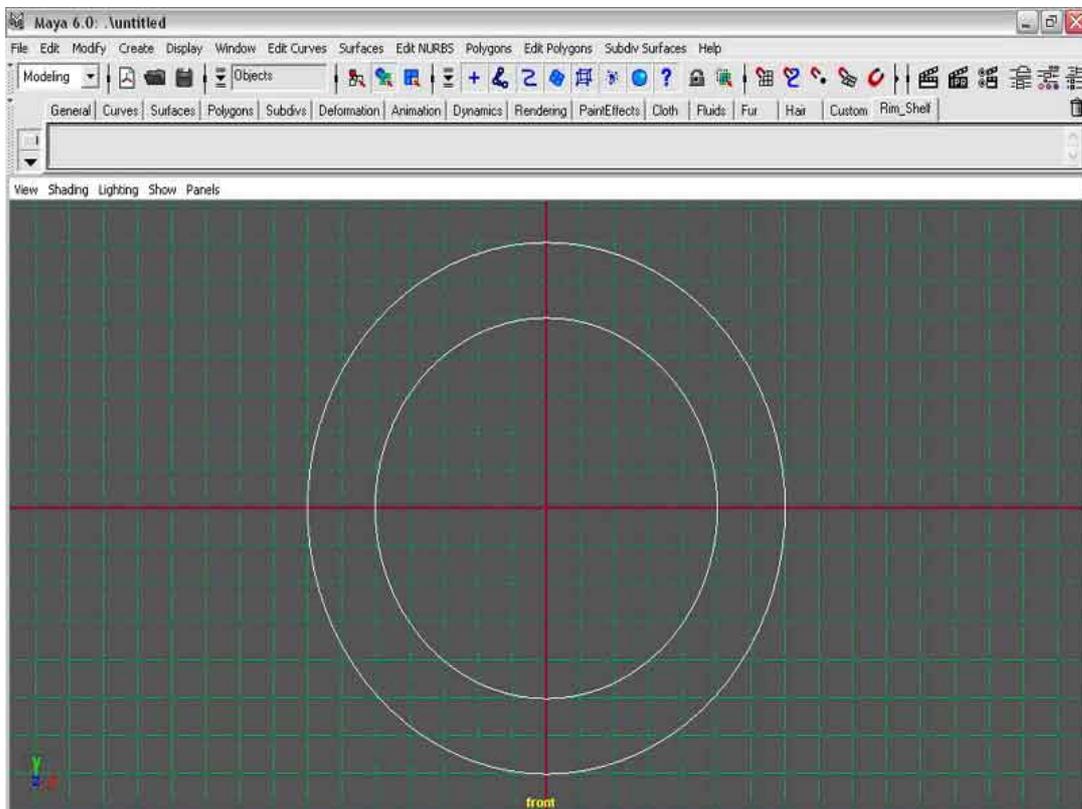
edit->duplicate->option box->file->reset

-3

settings

scale

-4

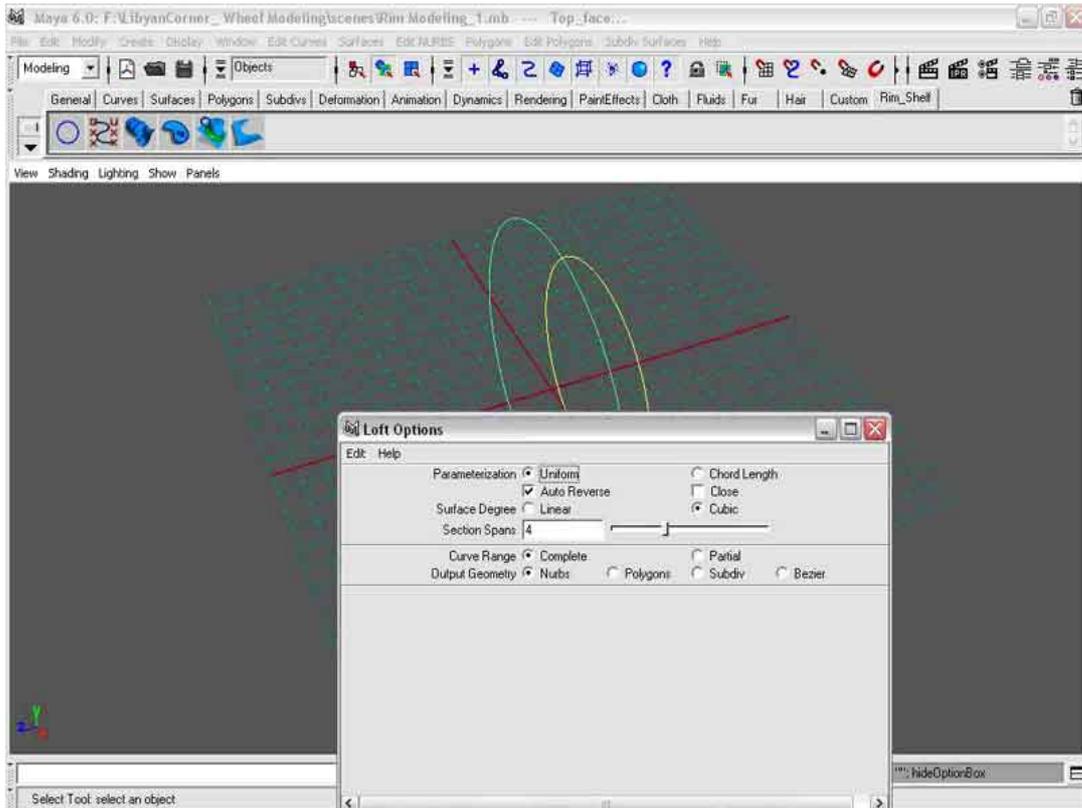


-5

surface->loft->option box

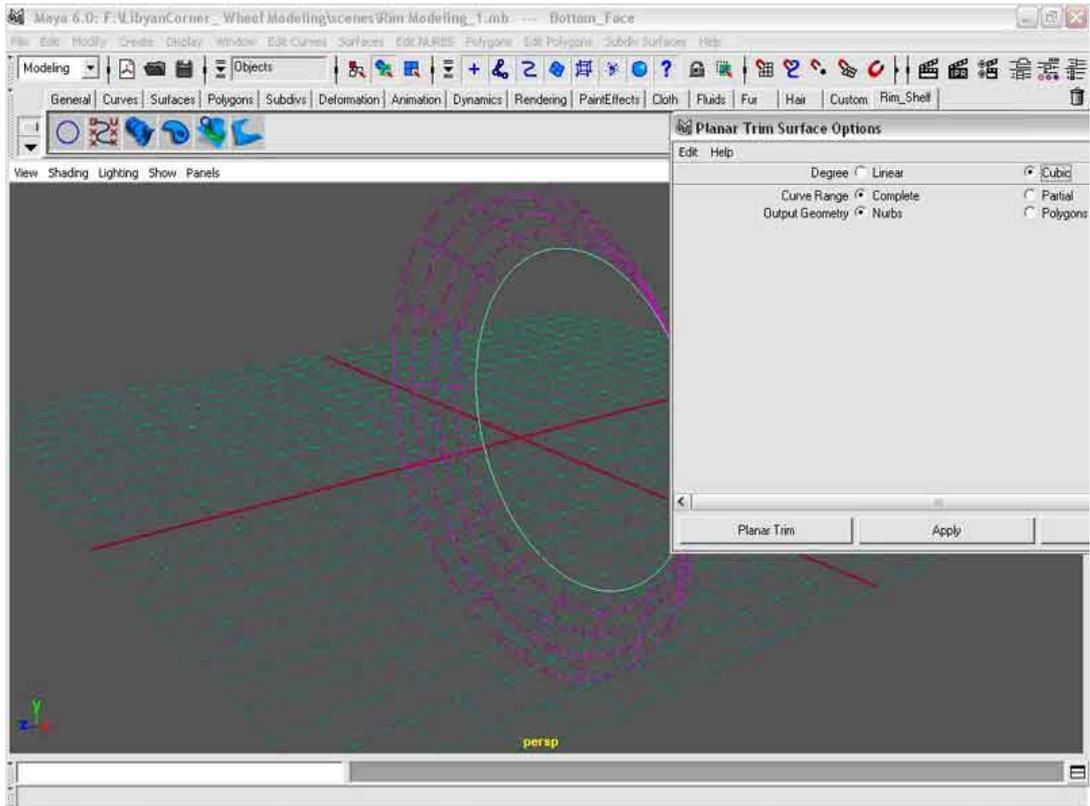
-6

loft



surface->planar->option box

-7

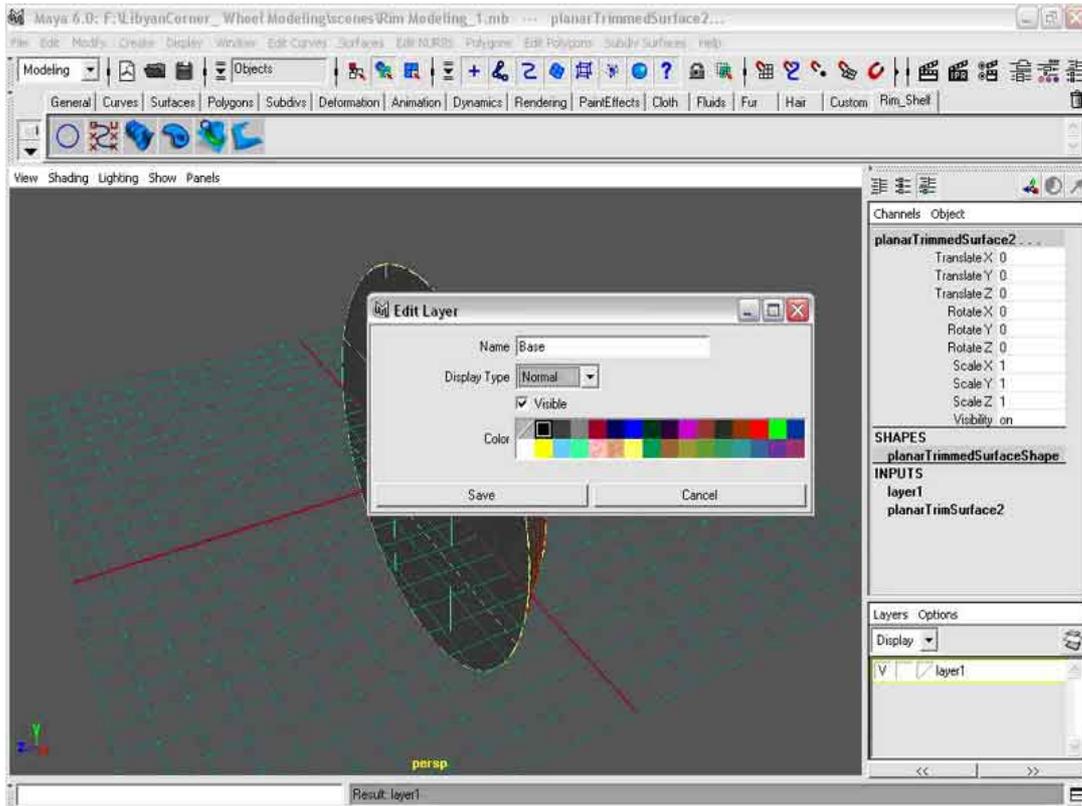


layer

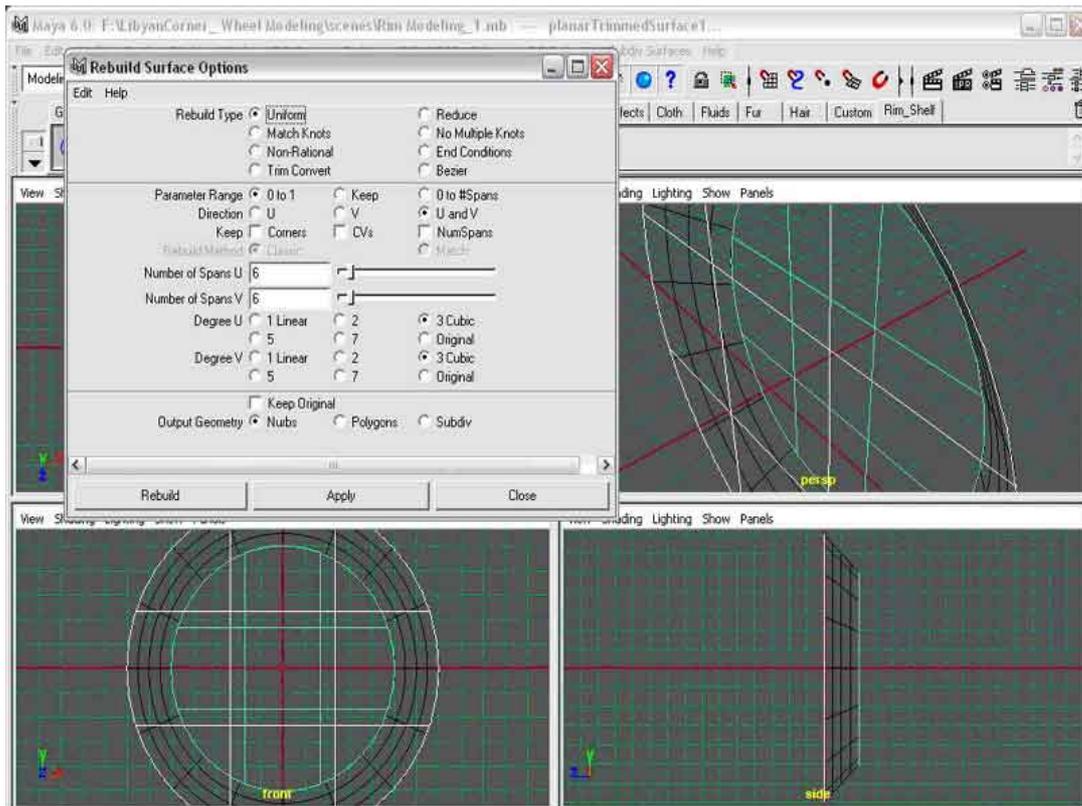
layer

channel box

-8

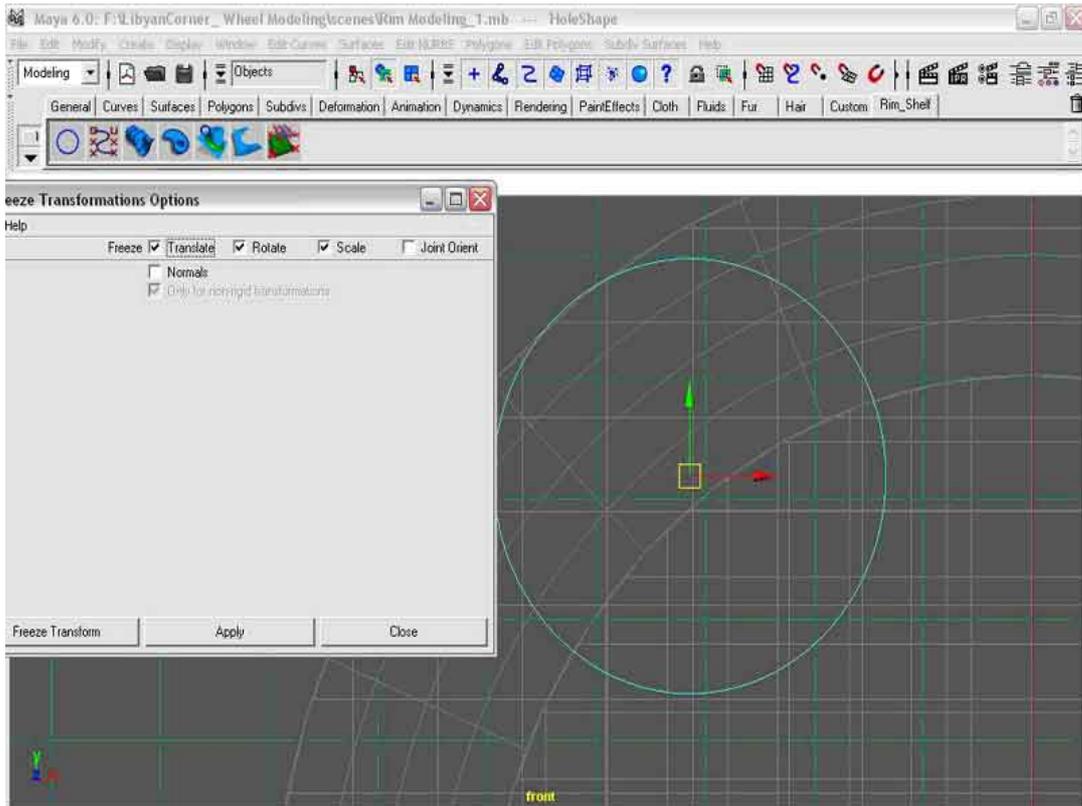


shift .9
edit nurbs->rebuild surfaces->option box
spans

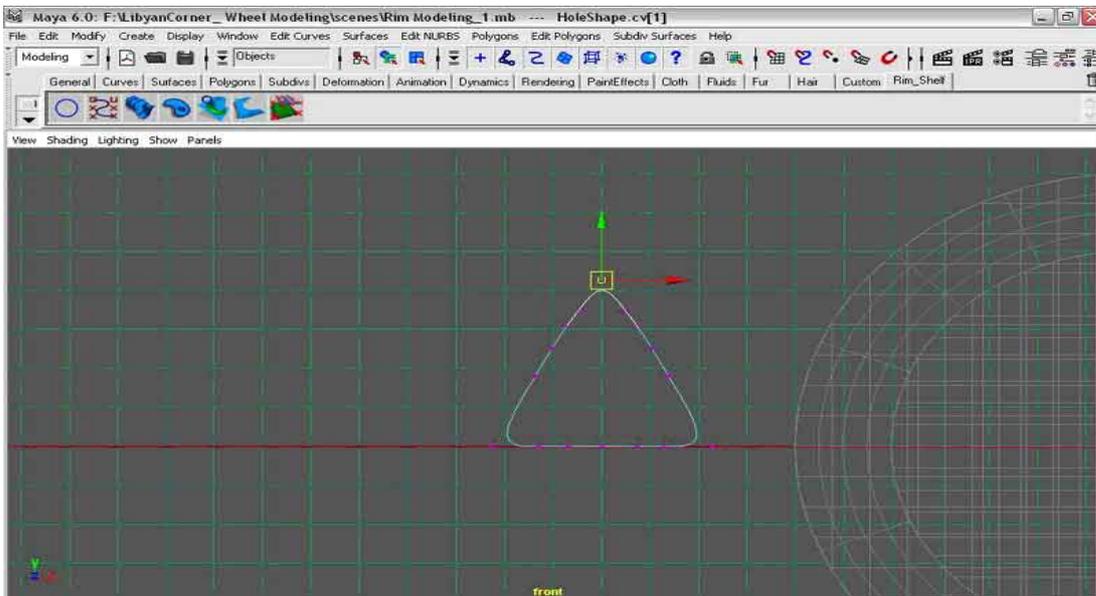


modift->freeze
freeze is activated

-10
transformation->option box
translate



template layer -11
 component mode -12
 cv's



object mode f8 -13

Modify->reset transformation -14

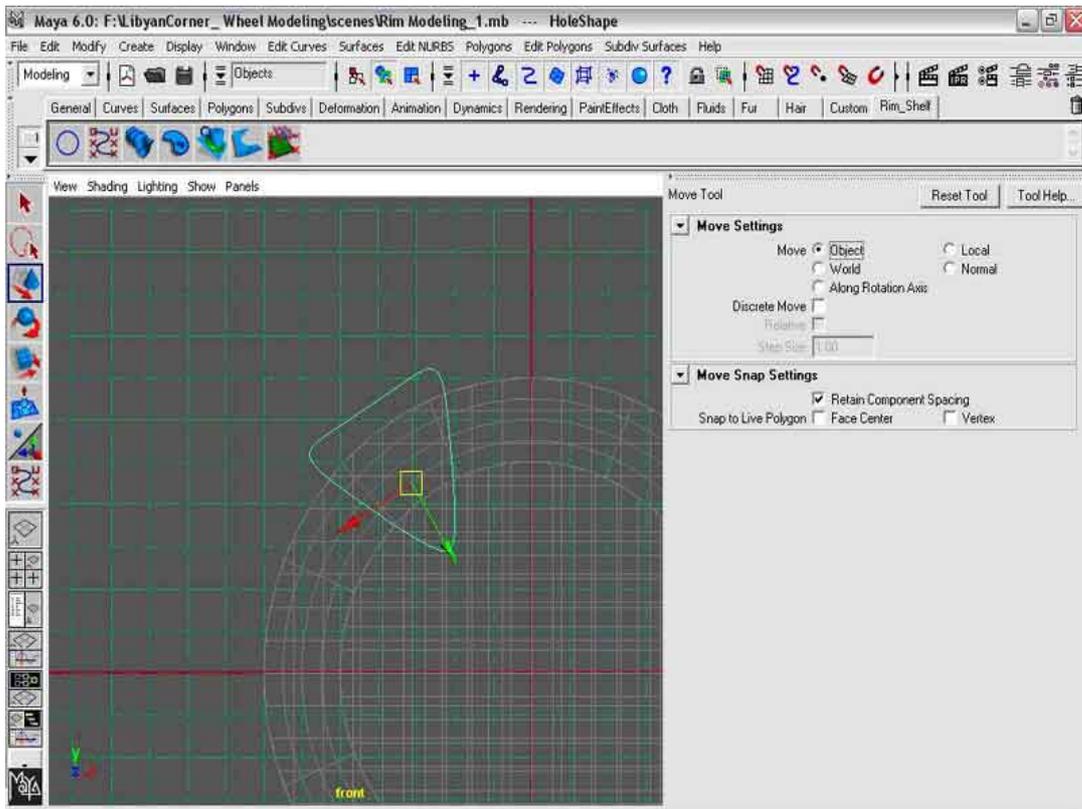
-15

attribute

move tool

object

editor



edit->duplicate->option box -16

duplicate

translate

loft

-17

loft

pivot point

space

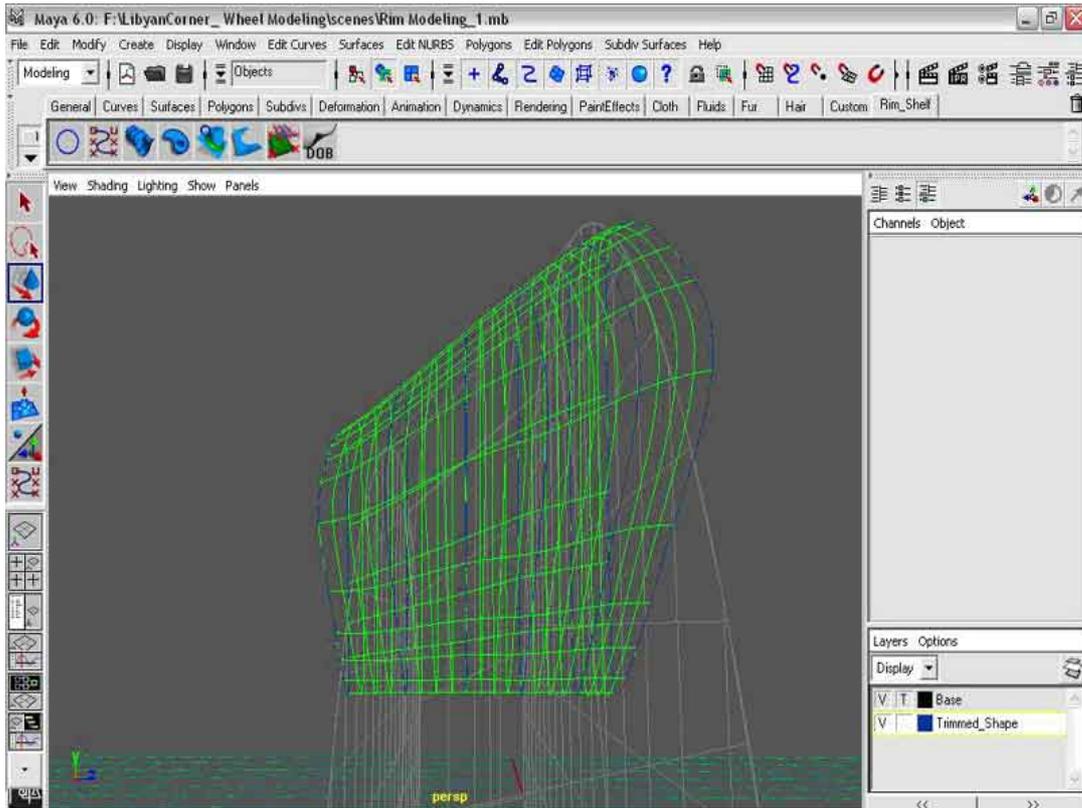
views

insert

insert

pivot point

bar



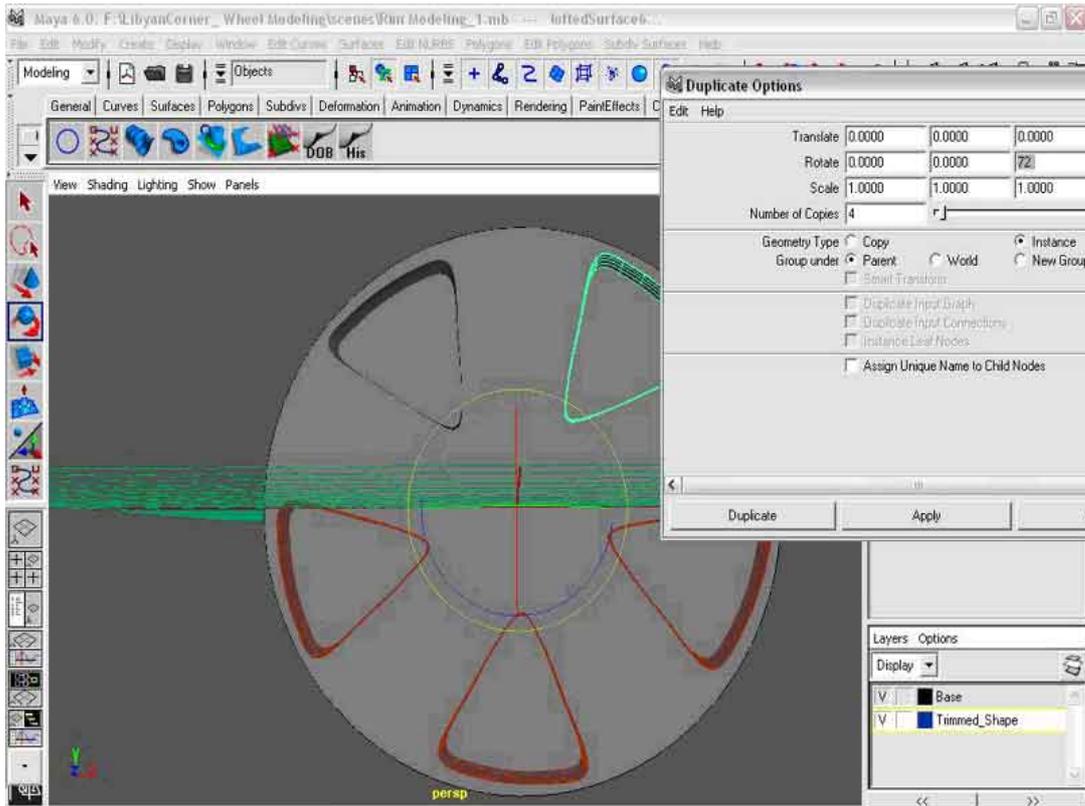
shape -18

history

edit->delete by type-> history

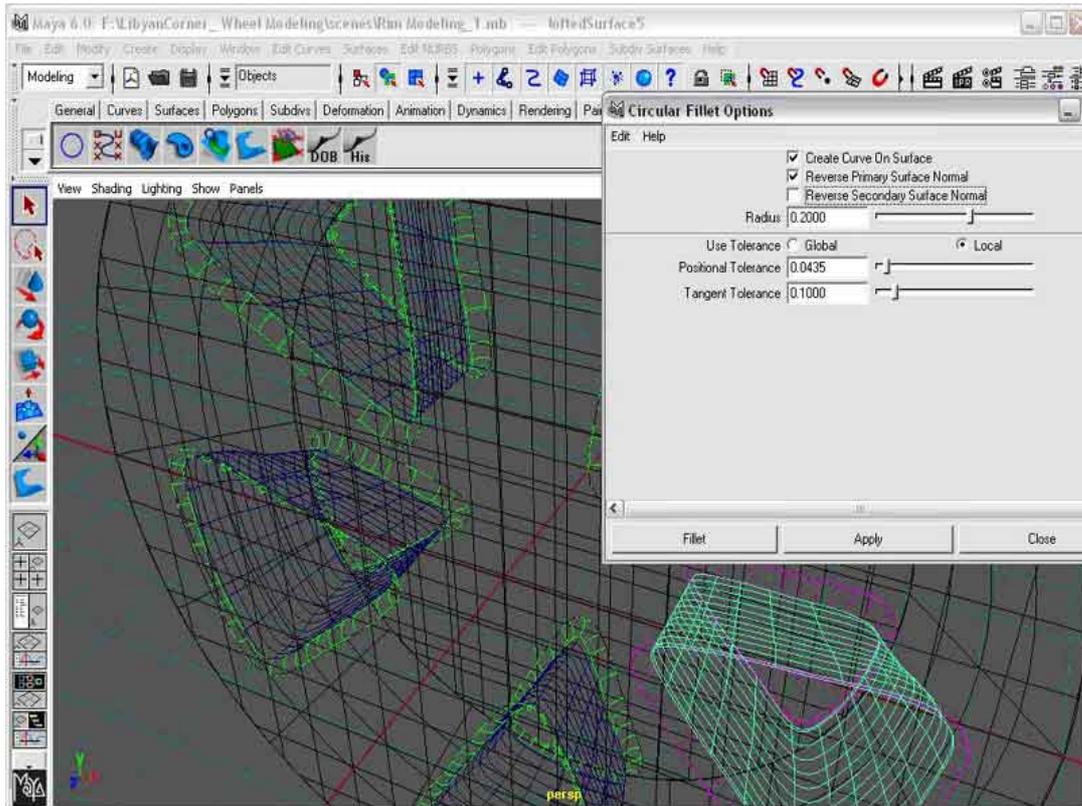
center of the grid pivot point -19

Edit->duplicate->option box -20



-21

edit nurbs->surface fillet->circular fillet->option box



wireframe and shading -22

5 4 modes

keep Edit nurbs->trim tool -> option box -23

enter 4 -24

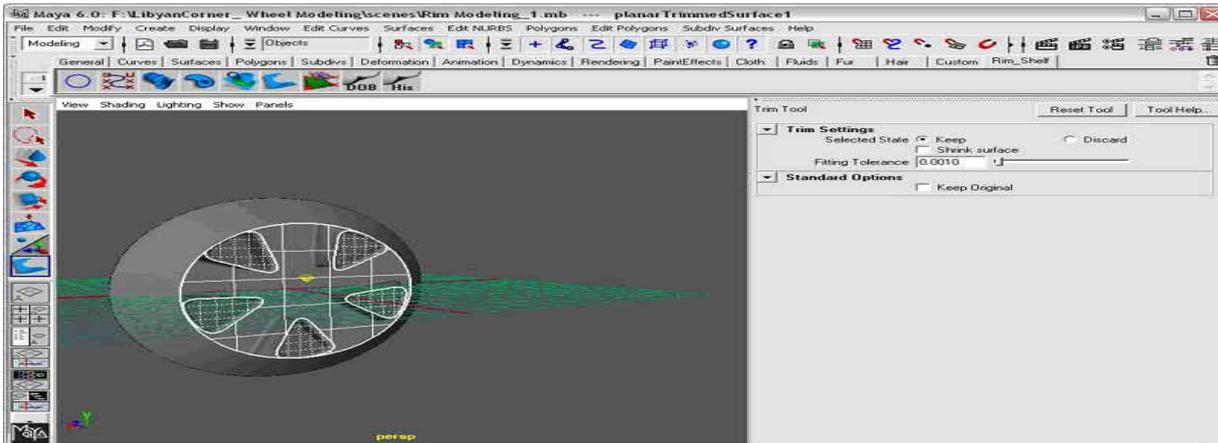
instance -25

duplicate

trim tool -26

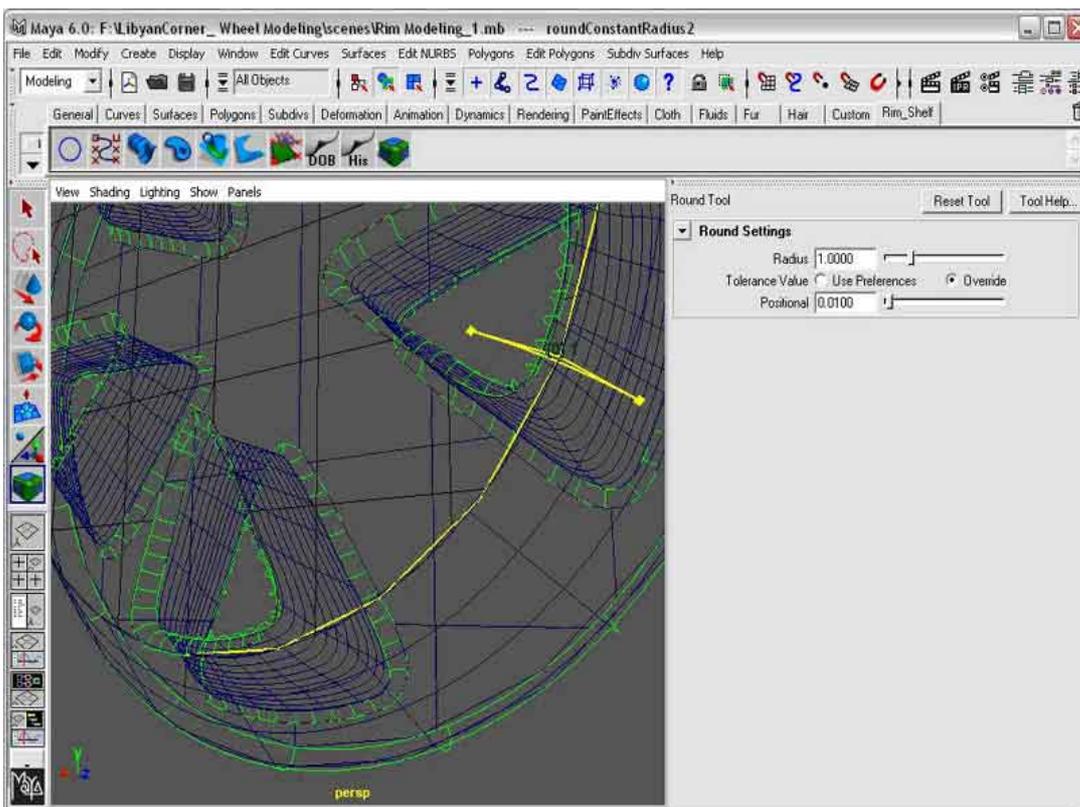
enter

-27

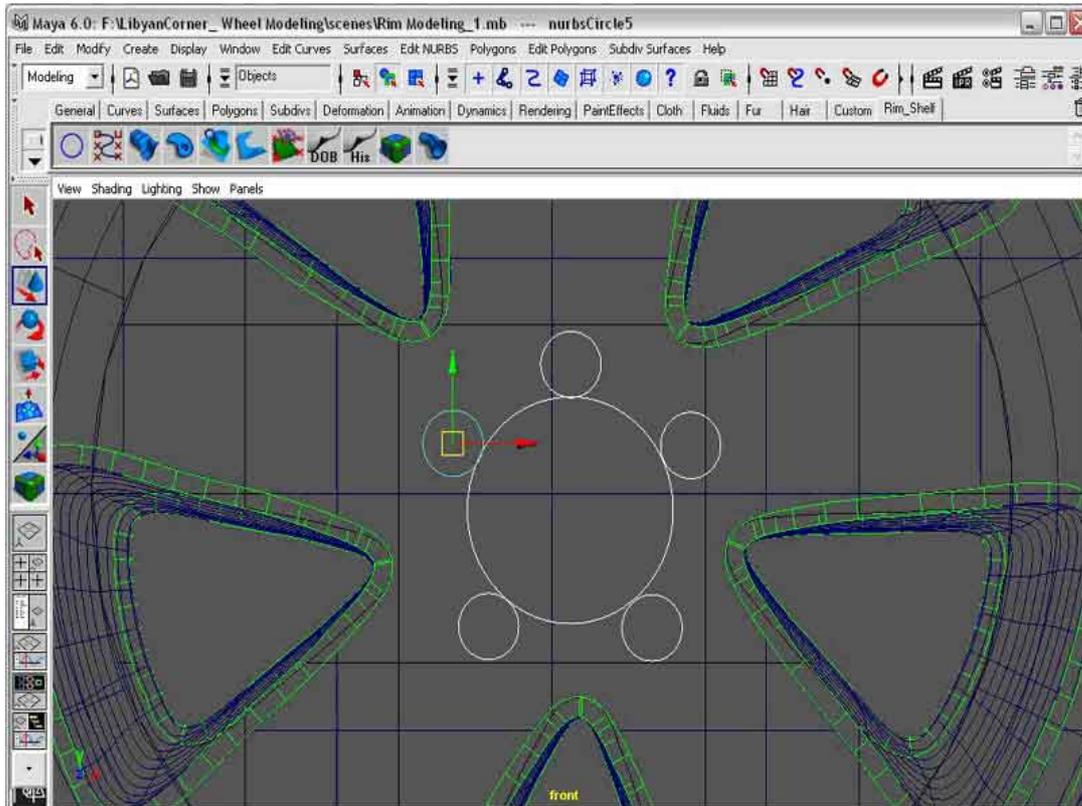


edit nurbs->round
 edge
 smooth bevel

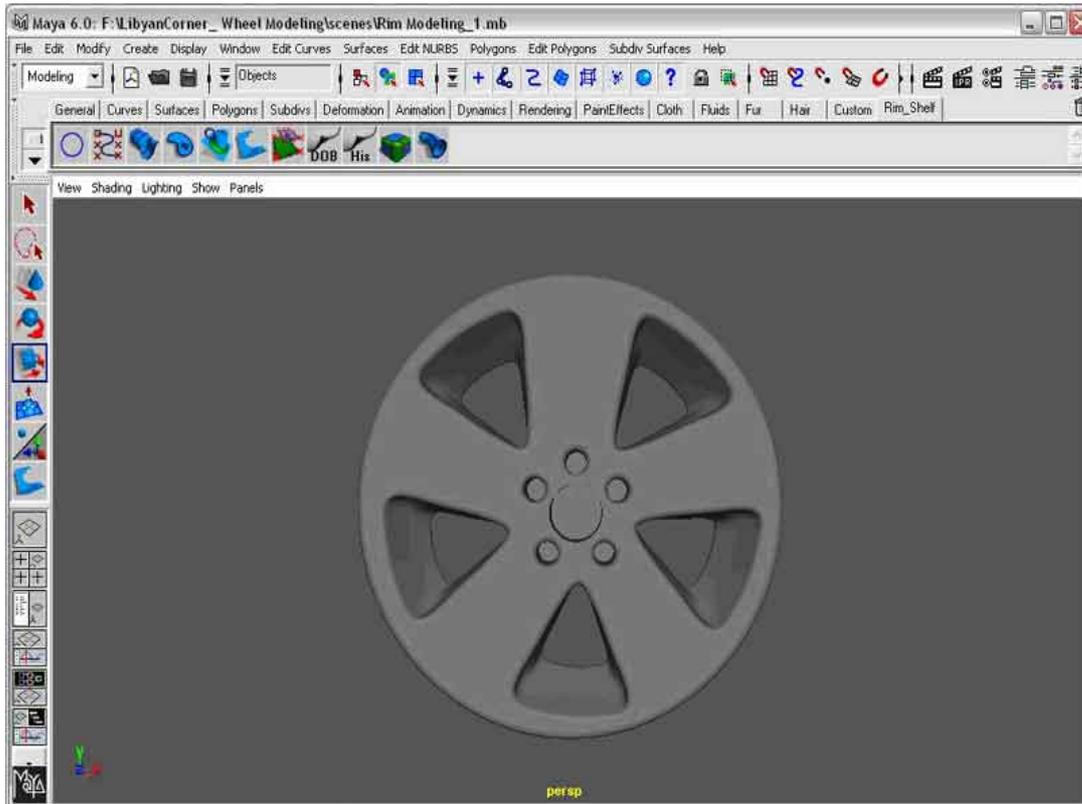
-28
 tool ->option box->reset setting
 edge



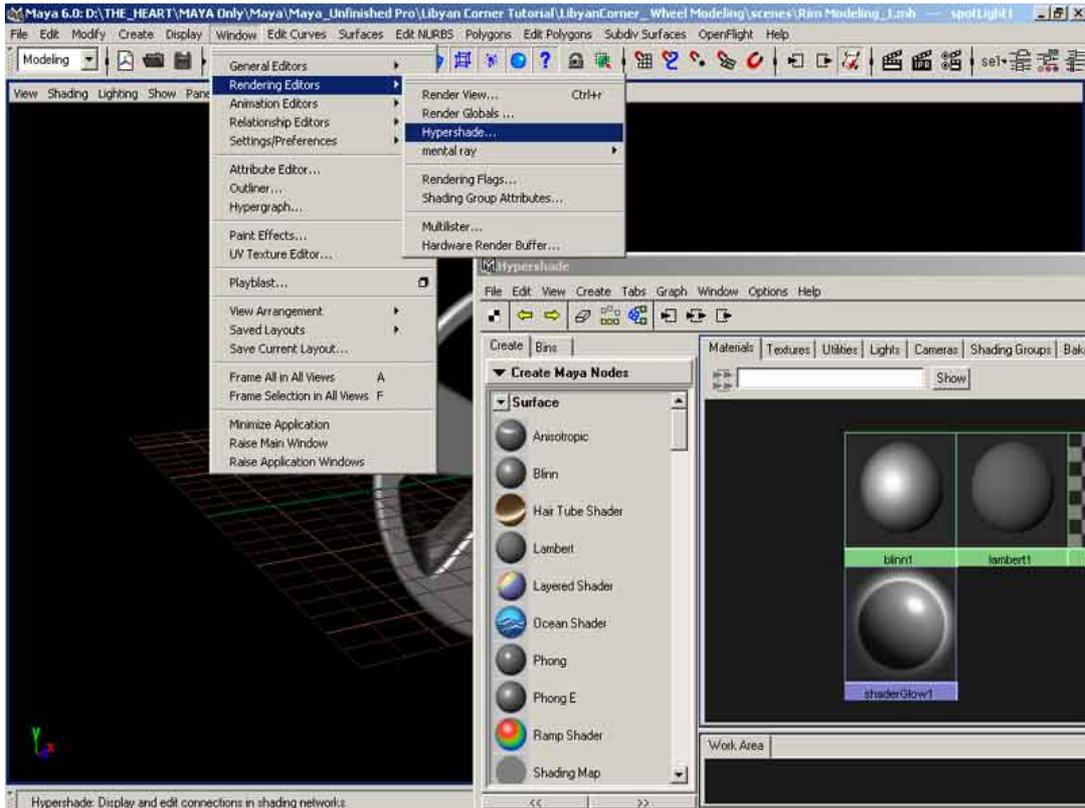
-29

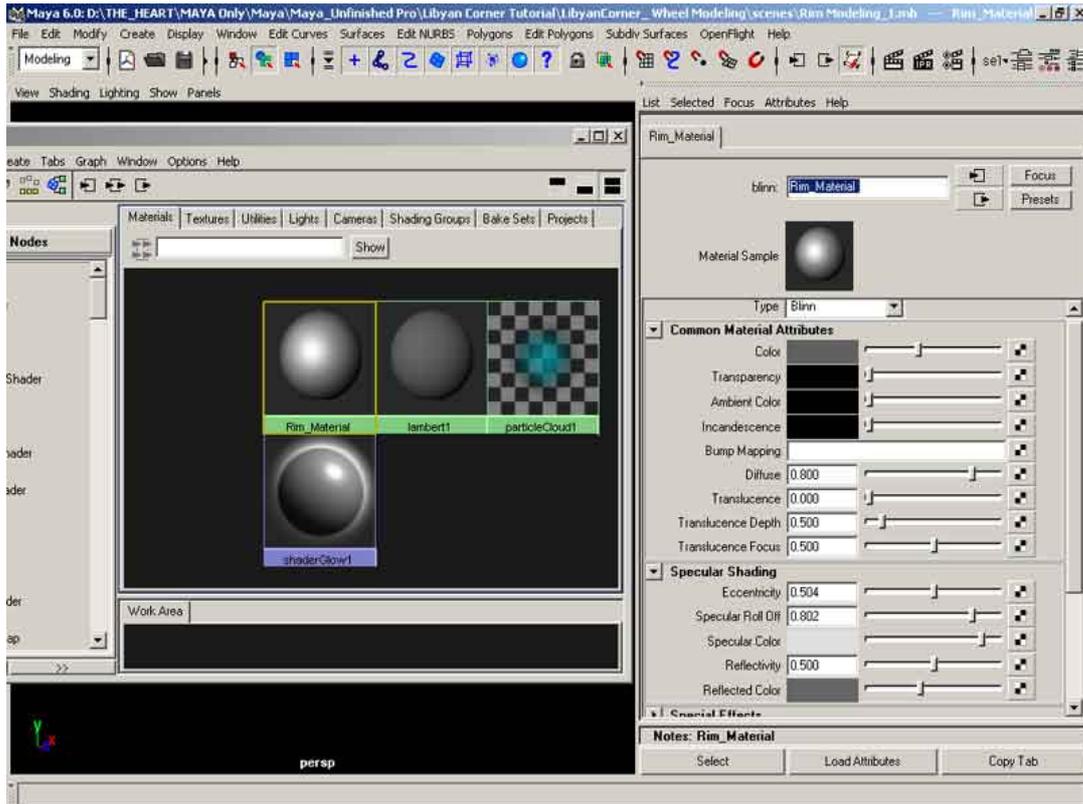


- xyz -30
- surface->extrude->option box -31
- Extrude length=-2
- Direction=specify
- Direction vector=z
- fillet and trim -32



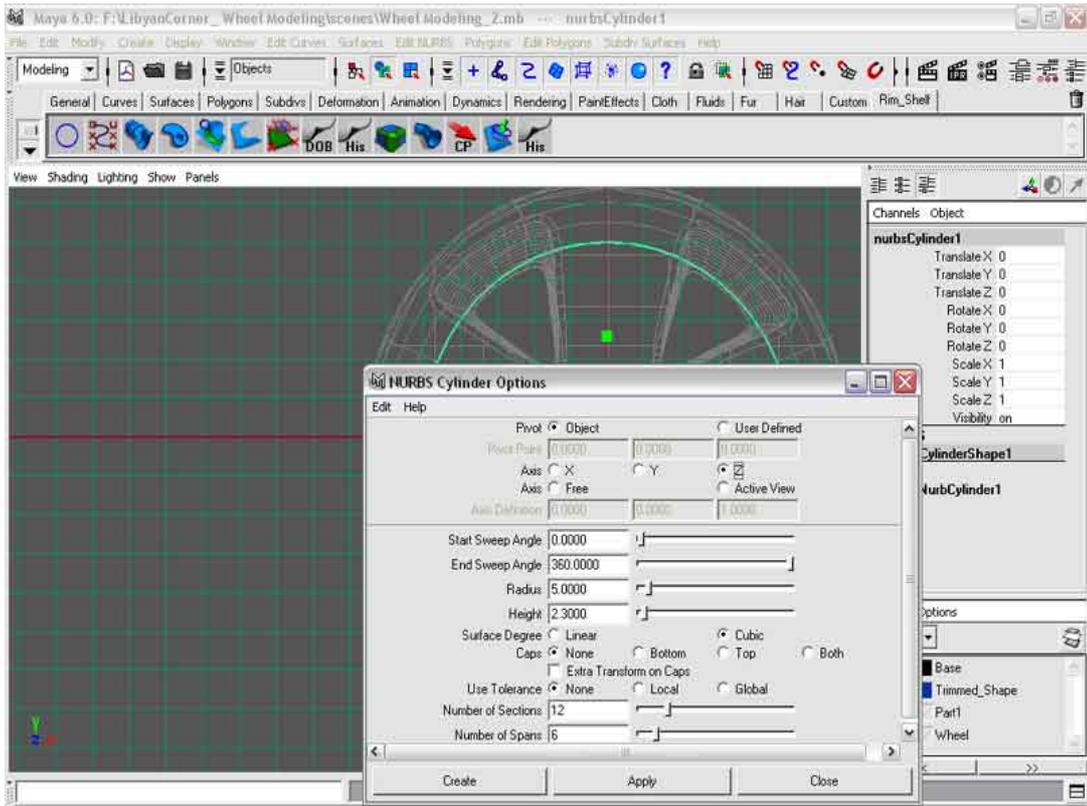
Window->rendering editors->hypershade -33
Blinn Materials



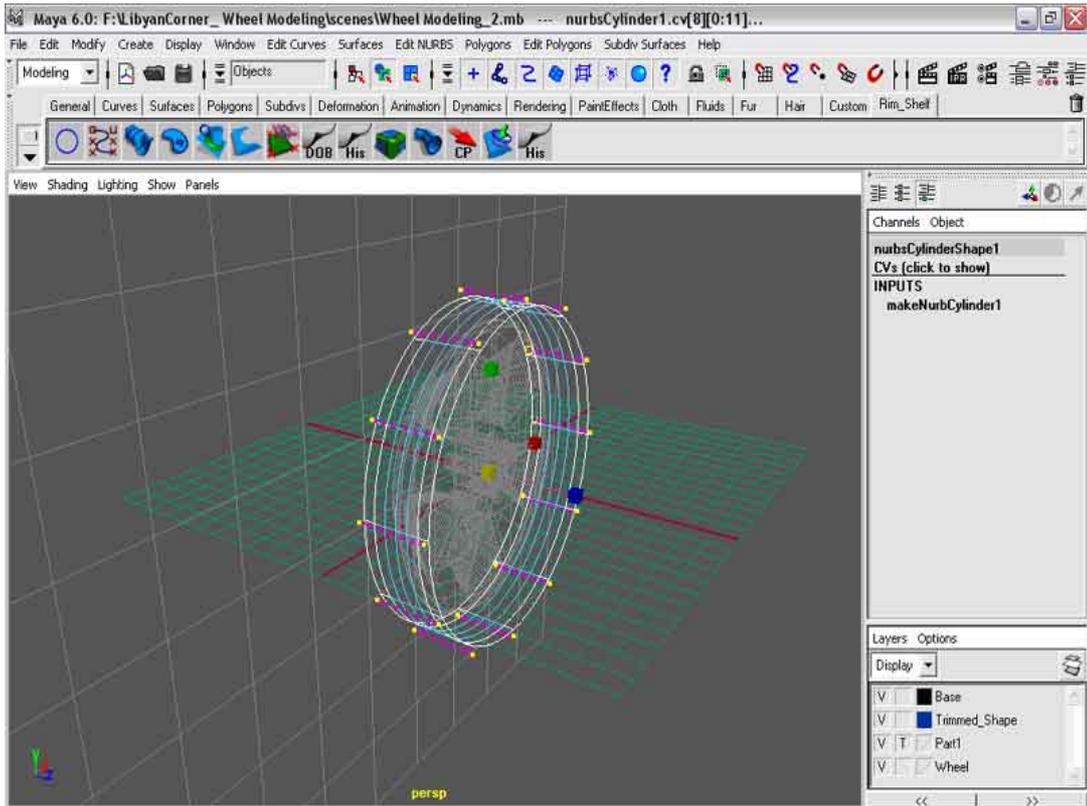


الجزء الثاني : تصميم العجلة:

file->save as ->Modeling Wheel -35
create->NURBS preemptive-> cylinder->option box -36



CV'S[control vertexs] -37
 scale scale cvs -38

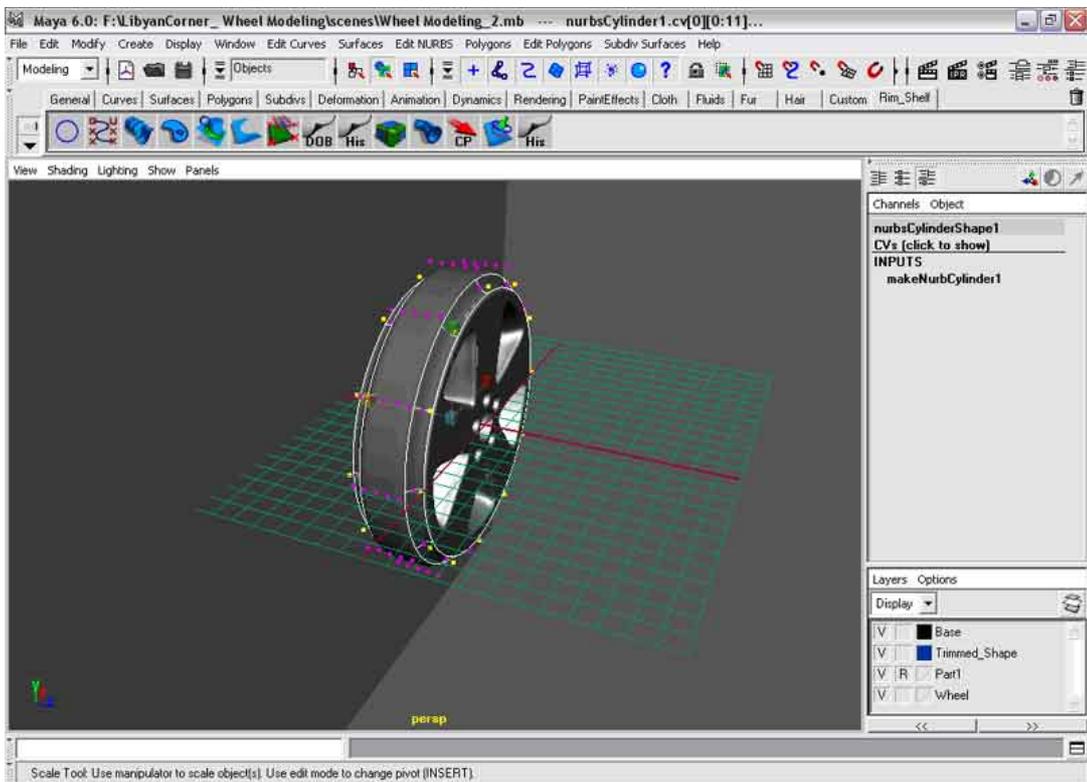
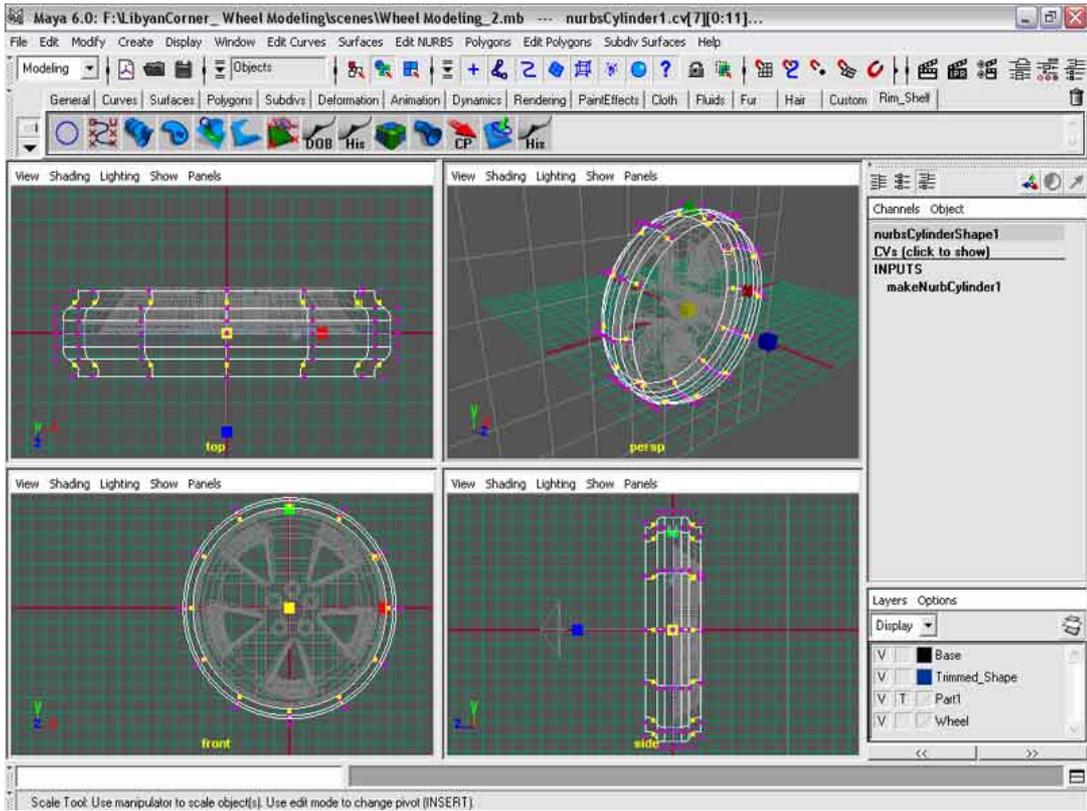


template

layer -39

cvS -40

-41



option box linear cv curve -42

 snap to point snap to grid

X and V

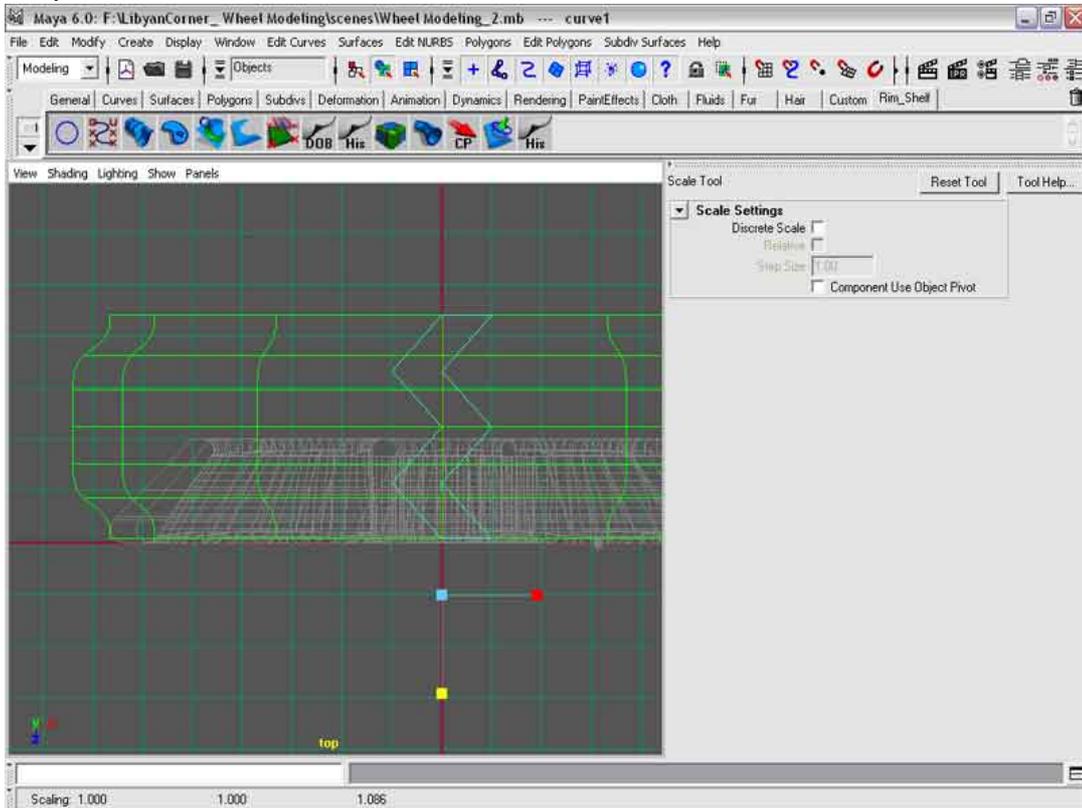
 KB

 shelf

 snap to point

 v

 x



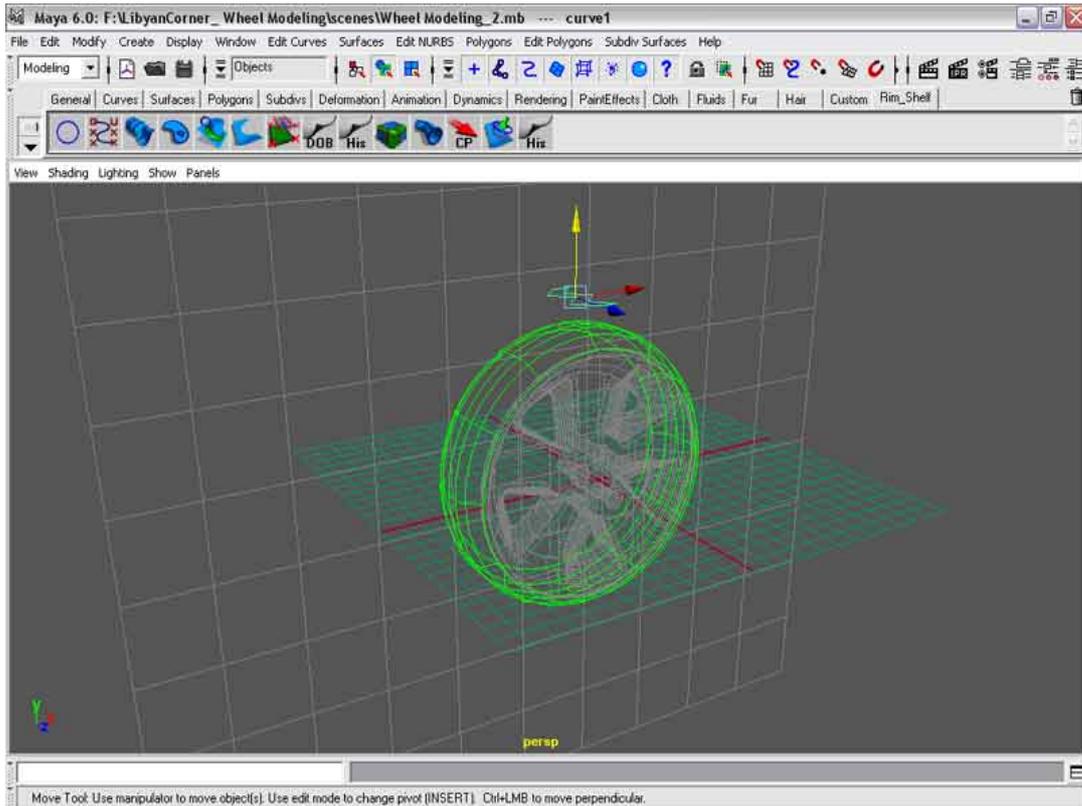
edit curved-> open/close curve

-43

!

pers view

-44



display->hide->hide

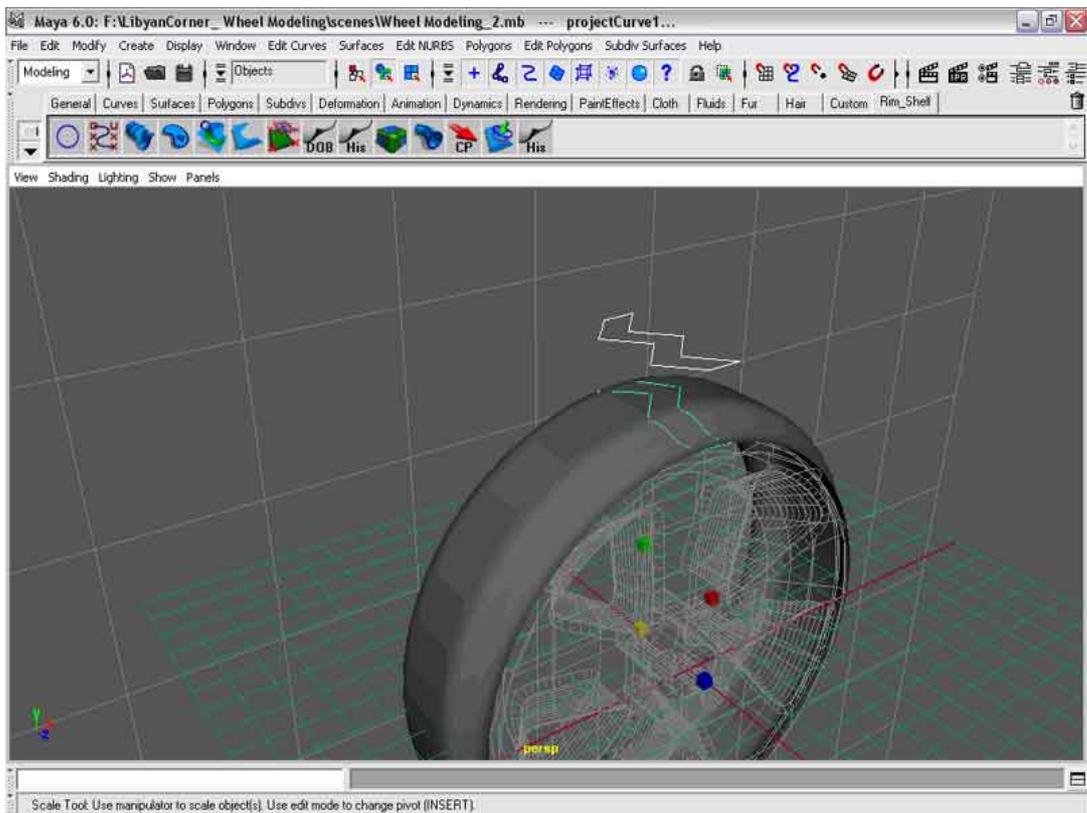
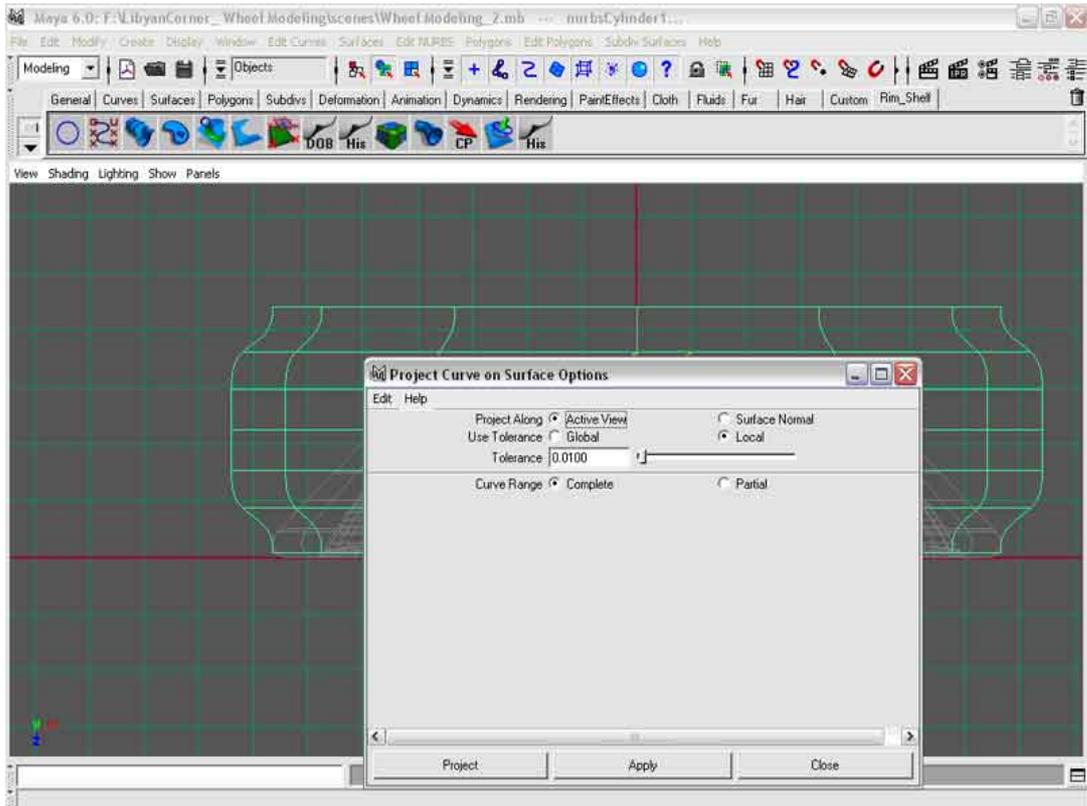
duplicate -45

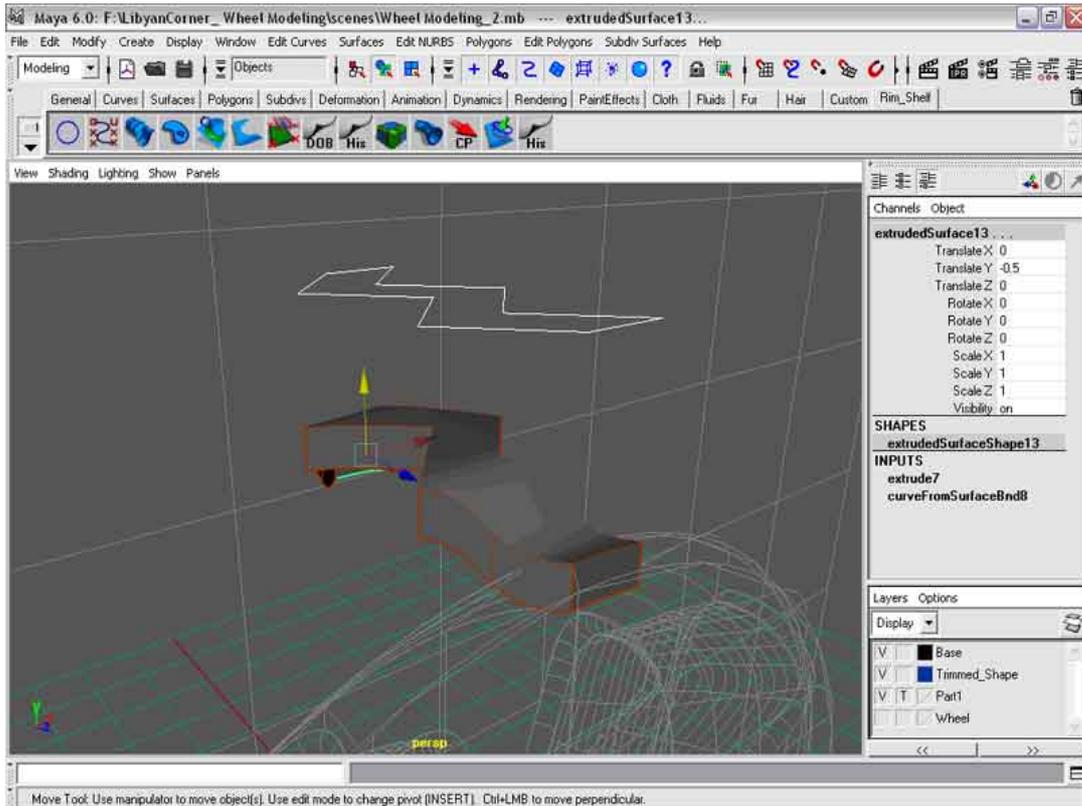
selection

top view -46

edit nurbs->project curve on surface->option -47

project active view box





group -51

display-> show-> show last hidden -52

-53

rotate and number of

duplicate->option box -54

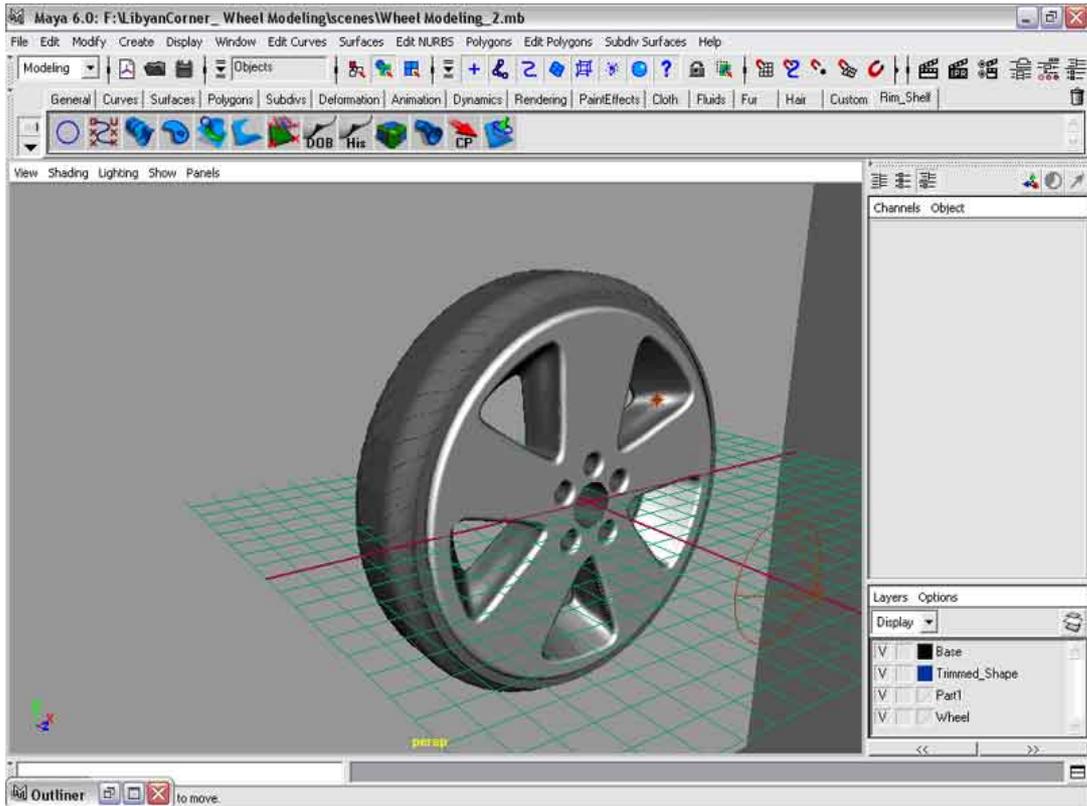
file->reset settings

copies

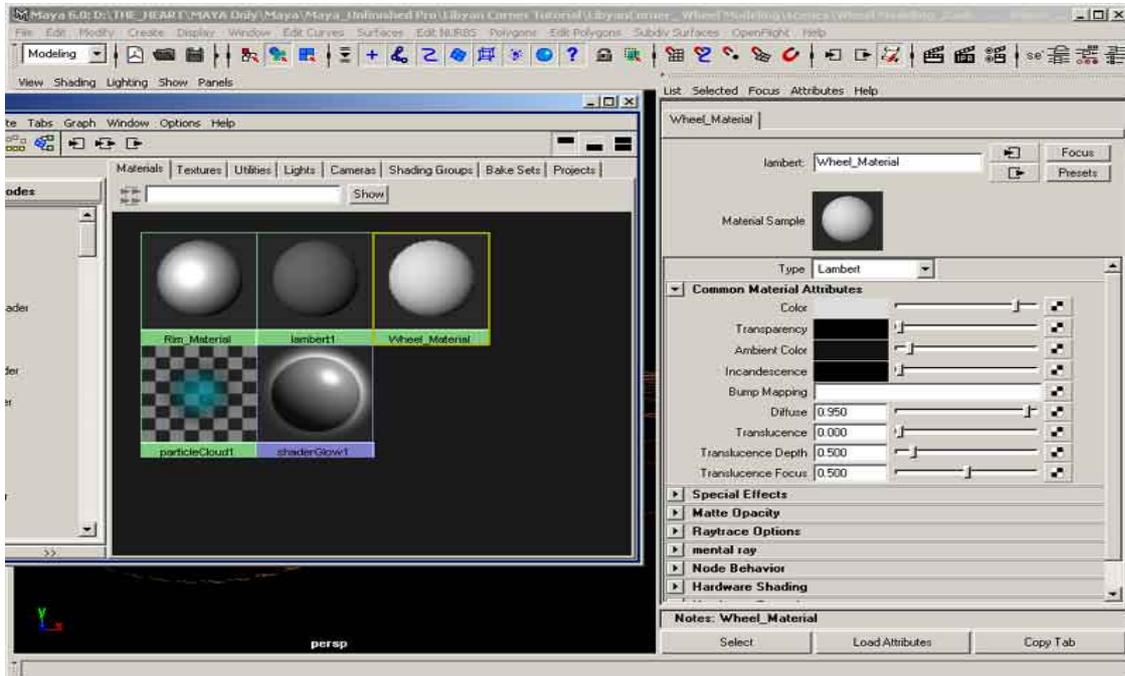
duplicate

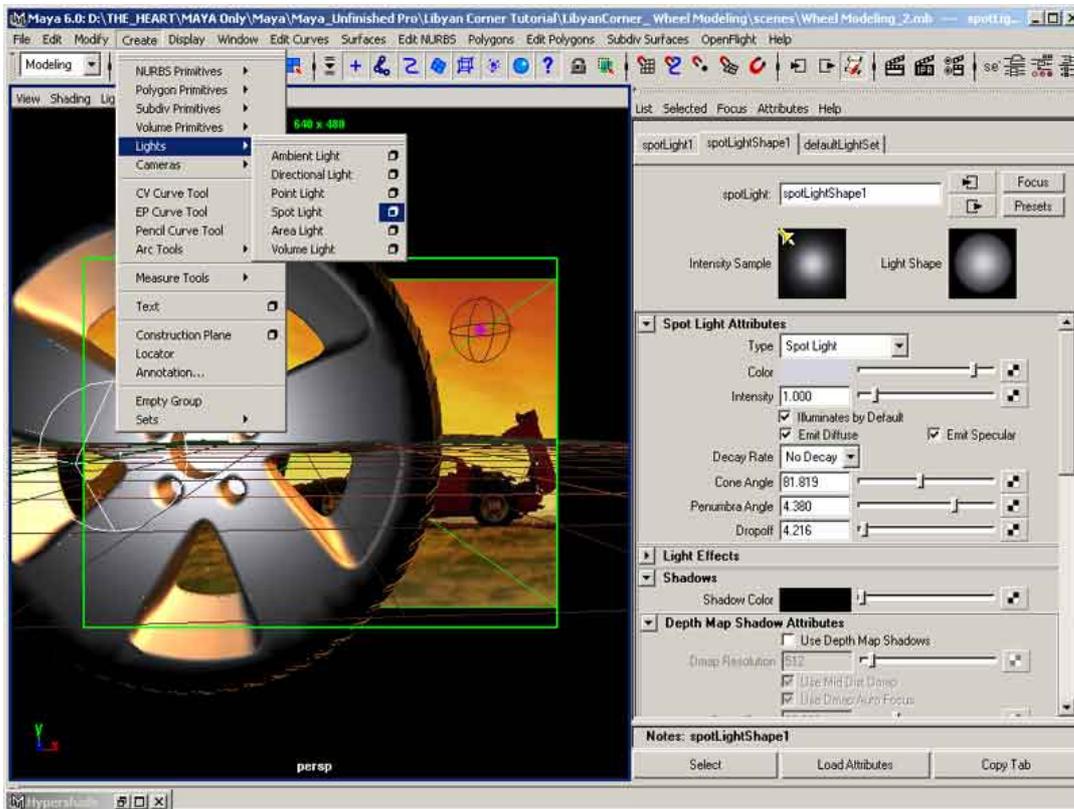
pivot point

-55



Material -56







view->image plane -

Image plane -58
>import image

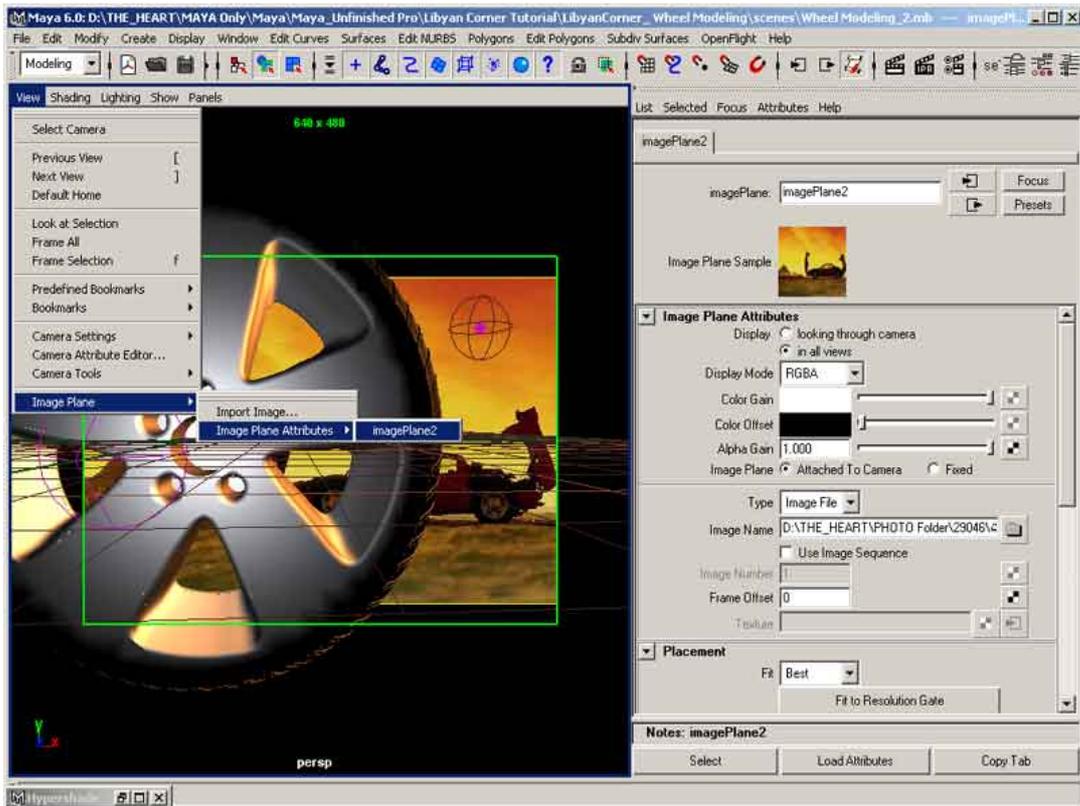
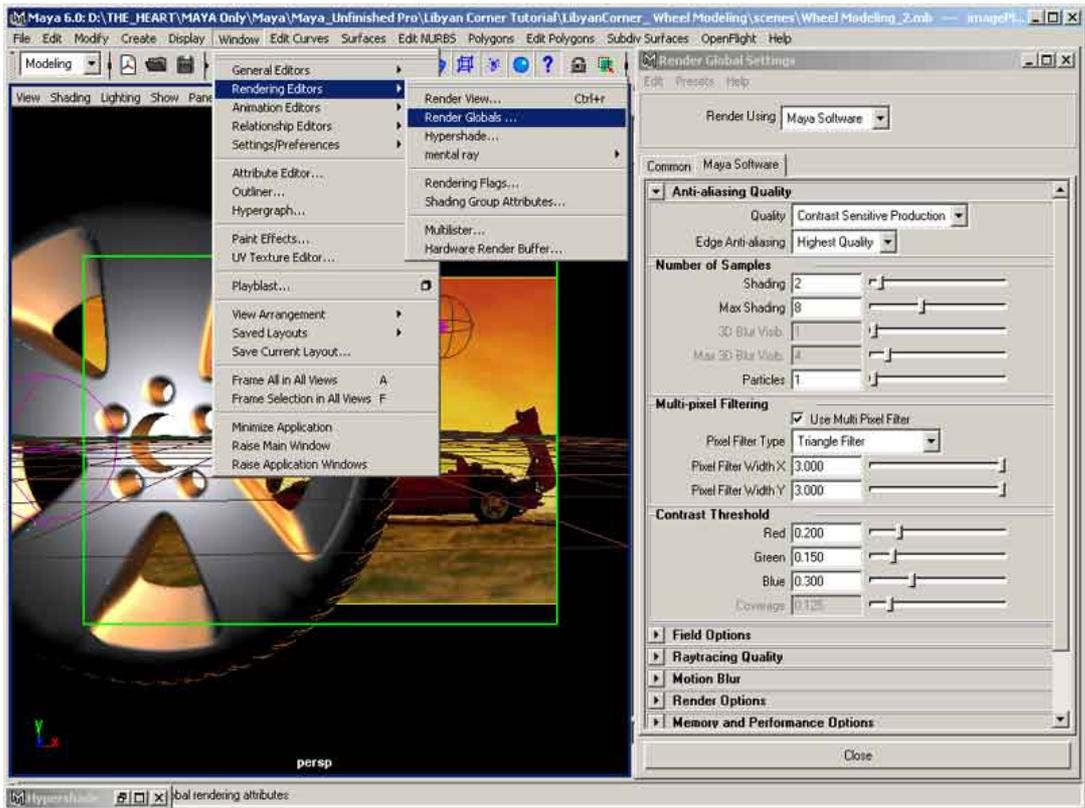


Image plane

window->rendering editors->render globals

-59



quality

trim bevel and fillet
gaps

- 60

Status line

-61



اتمنى ان تكونوا قد استفدتم من هذا التمرين وادعوا لنا ان يعلمنا الله من علمه وان يدخلنا الجنة برحمته

Ahmed_3D ©
Ahmed Aboughrara

Ahmed_a_a1983@yahoo.com