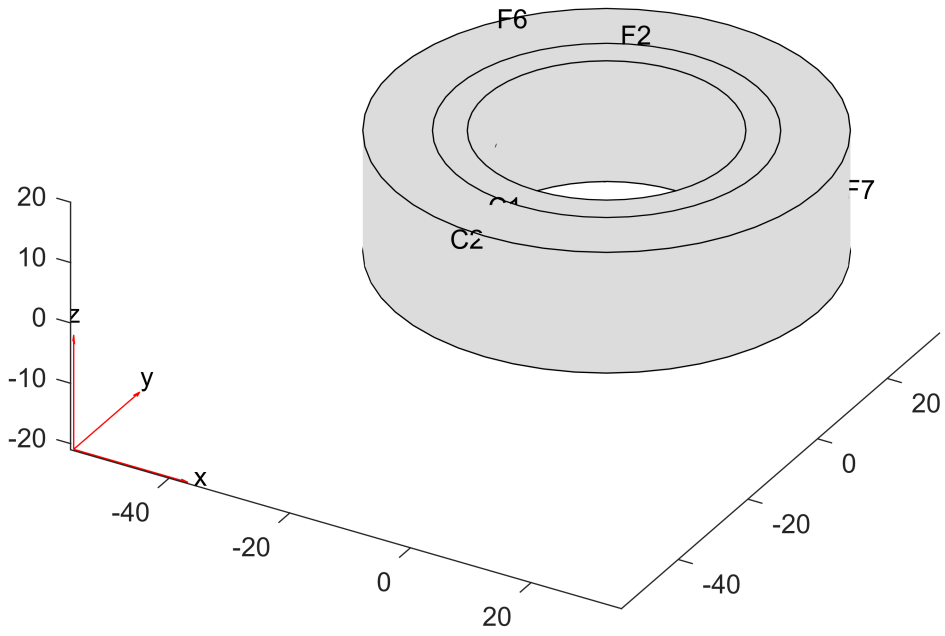
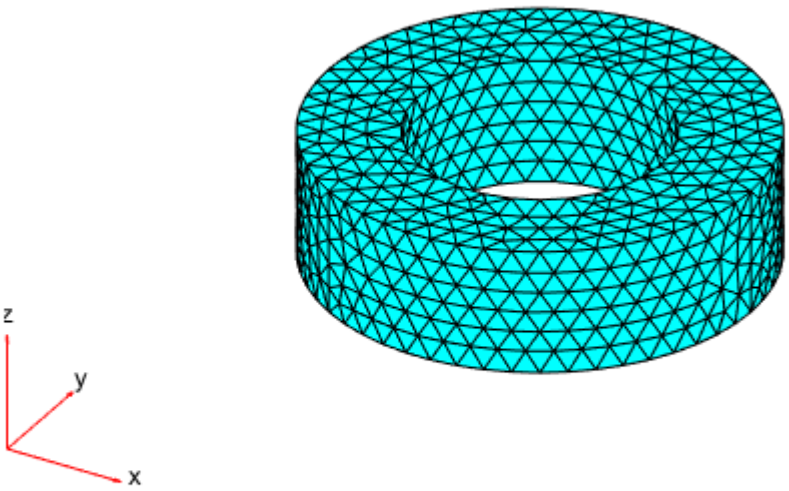
```
model = createpde('thermal');
geo = multicylinder([20,25,35],20,'Void',[1,0,0]);
model.Geometry= geo;
pdegplot(model,"FaceLabels","on","CellLabels","on")
```

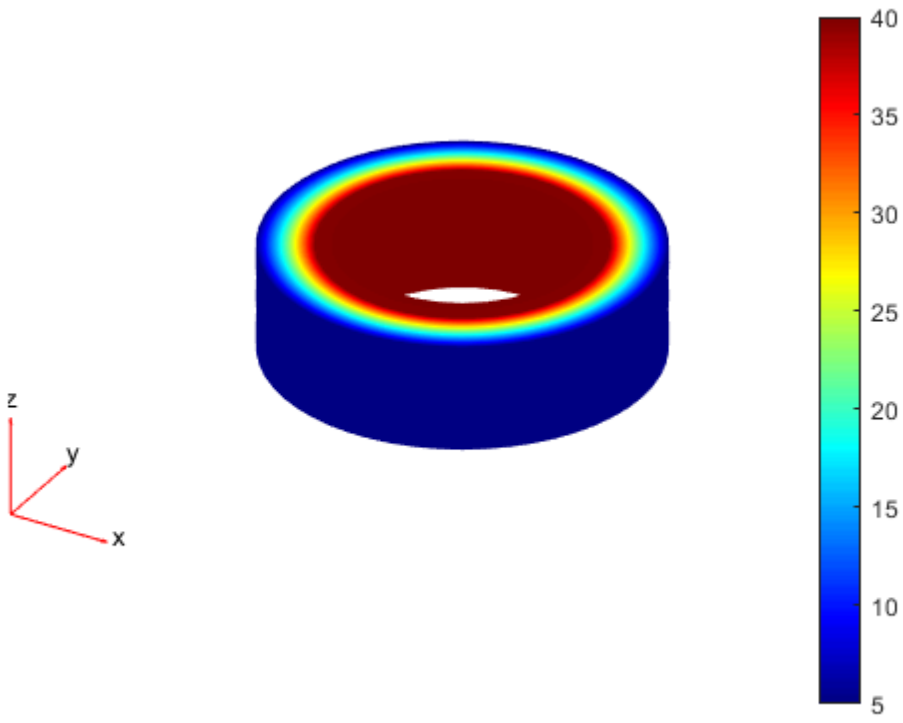



```
generateMesh(model);
pdemesh(model)
```




```
thermalProperties(model,"Cell",1,"ThermalConductivity",40);
thermalProperties(model, "Cell",2,"ThermalConductivity",0.5);
thermalBC(model,'Face',3,"Temperature",40);
thermalBC(model,"Face",7,"Temperature",5);
```

```
result = solve(model);
pdeplot3D(model,"ColorMapData",result.Temperature)
```


40
35
30
25
20
15
10
5
z
y
x