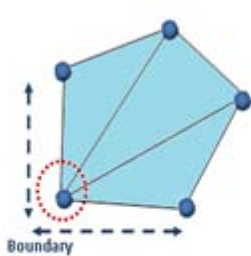
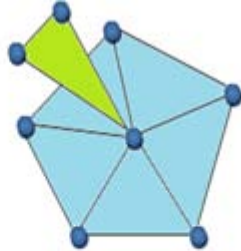


**i- Closed Fan**

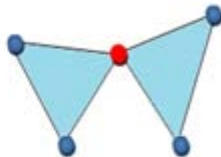


**ii- Open Fan**

**a) Manifold Meshes**



**i- non-manifold**



**ii- non-manifold Boundary**

**b) Non-manifold Meshes**