BSC IV Computer Graphics

Lab Exercise 2

**Task:**

Write Java 3D code that does the following:

1. Creates a Cone of height 0.3, radius 0.1, Three Spheres of radius 0.1, and a Cylinder of height 0.1, radius 0.4.
2. Translates the Cone to (0, 0.5, 0), and the Cylinder to (0.5, -0.5, -3.0).
3. Translates the first sphere to (-0.9, 0, 0), the second to (-0.8, 0, 0) and the third to (-0.7, 0, 0). The spheres should be created and translated within a for-loop.
4. Add a light of any color which illuminates all 5 objects in some way.