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Exercises 4

1. Add some animation to the space shuttle of Program 6.3, maybe even as part of the solar system from before.

2. Use the sphere and torus (with textures) in the same program. Make the sphere fly through the hole in the torus, for instance by making it circle around the tube of the torus.

3. Generate (procedurally, that is, via programming) a model that is a circular band. Make the two edges of the band have different colors (for instance by generating also color information for the vertices). Can you also generate a Möbius strip?