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>>> from halotools.sim_manager import CachedHaloCatalog
>>> halocat = CachedHaloCatalog(simname = 'bolshoi', redshift = 0)

>>> from halotools.empirical_models import PrebuiltHodModelFactory
>>> model = PrebuiltHodModelFactory('leauthaud11')

>>> model.populate_mock(halocat)
```

View the first ten galaxies in the catalog

```
>>> print(model.mock.galaxy_table[0:10])
```