

0. Open files

The screenshot shows the OMEdit - OpenModelica Connection Editor interface. The top menu bar includes File, Edit, View, Simulation, FMI, Tools, and Help. The top toolbar contains icons for opening files, saving, and simulation. The left sidebar shows the Modelica Library and Modelica Files, with MoonLanding selected. The main editor window displays the MoonLanding.mo file, which contains the following code:

```
1 model MoonLanding
2   import ApolloLander.*;
3   Rocket apollo(name = "Apollo", mass(start = 1038.358));
4   CelestialBody moon(name = "Moon", mass = 7.382e+22, radius = 1738000.0);
5   annotation(experiment(StartTime = 0.0, StopTime = 150.0, Tolerance = 0.000001));
6 equation
7   apollo.gravity = (moon.g * moon.mass) / (apollo.altitude + moon.radius) ^ 2;
8 end MoonLanding;
```

The bottom status bar shows the Kind, Time, Resource, Location, and Message columns. The bottom taskbar shows various open applications, including Moon..., Meeti..., justinp..., minen..., Downl..., Pictures, Downl..., [Upda..., Comp..., OMNo..., Introd..., OMNo..., OMNo..., OMEdi..., Screen..., and Screen....

1. Double-click to open

2. View code

3. Simulate model

