H h1 = new H() 🡺 concrete class

H h2 = new G() 🡺 cannot conclude

G g1 = new G() 🡺 cannot be instatiated, abstract class or interface

G g2 = new H() 🡺 G is the **supertype** of H

|  |  |  |
| --- | --- | --- |
|  | Non-static inner class | **Static** inner class |
|  | Instantiate the outer first, before you are able to instantiate the inner class | Can be instantiated by itself, do not need the outer class 🡺 behaves just like a top-level class |
| Outer class **non-private** variables | Yes | No |
| Outer class **private** variables | Yes | No |
| Outer class **static** variables | Yes | Yes |