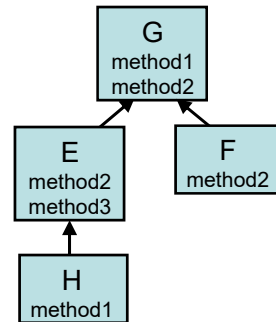


More Practice

```

public class E extends G {
    public void method2() {
        System.out.print("E 2 ");
        this.method1();
    }
    public void method3() {
        System.out.print("E 3 ");
        this.method1();
    }
}
public class F extends G {
    public void method2() {
        System.out.print("F 2 ");
    }
}
public class G {
    public void method1() {
        System.out.print("G 1 ");
    }
    public void method2() {
        System.out.print("G 2 ");
    }
}
public class H extends E {
    public void method1() {
        System.out.print("H 1 ");
    }
}

```



More Practice (cont.)

```

E e1 = new E();
G g1 = new H();
G g2 = new F();

```

- Which of the following would compile and which would not?
For the ones that would compile, what is the output?

```

e1.method1(); // output: G 1
e1.method2(); // output: E 2 G 1
e1.method3(); // output: E 3 G 1
g1.method1(); // output: H 1
g1.method2(); // output: E 2 H 1
g1.method3();
g2.method1(); // output: G 1
g2.method2(); // output: F 2
g2.method3();

```

