Q # 1

#1 interface ITest
{
        bool Run()
        int priority { get; }
        // ... other parameters for a test like category

}

#2   class TestHarness
{

        Void Execute()
        {
                ITest test1 = new Test1();
                ITest test2 = new Test2();
                // . . . . . —
                List < ITest > tests;
                test.Add (test1);
                test.Add (test2);
                // - - - - ↓ Better yet, read from a config file.
                foreach (ITest test in tests)
                {
                        result =
                            test. Run() ;
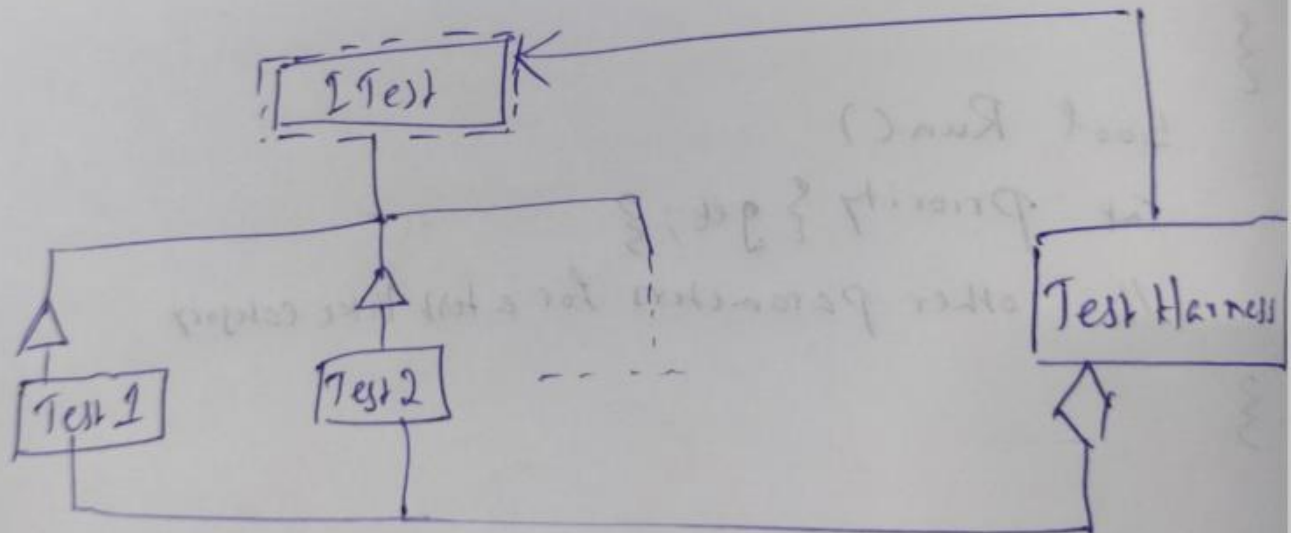
                }
                // Bookkeep various test results

        }

2

Q#1 Section #3

Q#2

We already discussed this in class.

Q#3

— Composite Design Pattern