**Instructions**

Consider the following class. It is representing a class that is very expensive to instantiate. It takes 10 seconds or more to create an instance of it. So, we wish to create a VirtualProxy in front of it so that the real subject gets instantiated only if someone calls veryComplicatedTask() method of this class. Try implementing it using Java Dynamic Proxy.

Hint: You may need to extract an interface from this type.

**public** **class** ComplexClass {

**public** ComplexClass() **throws** InterruptedException {

**super**();

        Thread.*sleep*(10000);

    }

**public** **void** veryComplicatedTask() {

        System.***out***.println("Very complicated task...");

    }

}