In this lab, you will be using the code provided to you, **Prime.java** and **SievePrime.java**, in BlackBoard under Lab 8. Download them and get familiar with the scenario.

A student had a homework to find list of numbers that are prime between one and a given number and wrote the **Prime.java**.

After some time, the lecturer of the student shows him that there is a more efficient way of finding a prime. In addition, the lecturer gives the student a simple library and wants him to test both algorithms. Hence, the student has a class called **SievePrime.java** now.

The problem for the student however, new code has a different signature for finding prime:

```
List<Integer> sievePrimes(int)
```

Your task is to use class Adapter and help the student to make **Prime.java** work with **SievePrime.java**'s sievePrimes method instead of student's findPrimes method.

Note: You cannot change/add anything in SievePrime.java.

Remember that we want to conform to the OCP. You will be writing an Adapter. Test your implementation.