The return type is int[], an array of int values. In the wsimport-generated interface RandService, the method nextN begins:

```
public List<Integer> nextN(...
```

The wsimport utility is within its rights to replace int[] with List<Integer>, as a List has a toArray method that returns an array; with automatic boxing/unboxing, the Java types Integer and int are interchangeable in the current context. The point is that the programmer typically needs to inspect at least the wsimport-generated interface, in this example RandService, in order to determine the argument and return types of every operation.

Companion Utilities: wsimport and wsgen

The wsimport utility eases the task of writing a Java client against a service that has a WSDL as the service contract. This utility has a client-side focus, although the utility can be helpful on the server side as well; a later example illustrates. The wsgen utility, which also ships with core Java 1.6 or greater, has a server-side focus. For example, wsgen can be used to generate a WSDL. The command:

```
% wsgen -cp . -wsdl rand.RandService
```

generates a WSDL file named RandServiceService.wsdl. However, this WSDL has a placeholder for the service endpoint rather than a usable URL:

```
<soap:address location="REPLACE WITH ACTUAL URL"/>
```

When a service publisher such as Endpoint, Tomcat, Jetty, and the like generate the WSDL, the WSDL includes a usable URL.

The wsgen utility has another use. When the RandService is published with Endpoint, the publisher outputs information about dynamically generated classes, in this case Next1, Next1Response, NetxN, and NextNResponse. As noted earlier, these are JAX-B artifacts that the Java runtime uses to convert Java types into XML types and vice versa. The *wsgen* utility can be used to generate the JAX-B artifacts as files on the local system. For example, the command:

```
% wsgen -cp . rand.RandService
```

automatically creates a package/directory rand/jaxws and then populates this directory with Next1.class, Next1Response.class, NextN.class, and NextNResponse.class. Now if the Endpoint publisher is started after these files have been created, the publisher does not generate the JAX-B artifacts dynamically but instead uses the ones that wsgen already created.