In Java's **Socket** class, there are two methods related to port information: **getPort()** and **getLocalPort()**. Let's understand the difference between them:

1. **getPort():**
   * **getPort()** is a method of the **Socket** class that returns the port number on the remote side of the connection.
   * When used on a client-side socket, **getPort()** returns the port number of the server to which the client socket is connected.
   * When used on a server-side socket (after **accept()**), **getPort()** returns the port number of the client's socket connected to the server.
2. **getLocalPort():**
   * **getLocalPort()** is also a method of the **Socket** class, but it returns the local port number of the socket.
   * When used on a client-side socket, **getLocalPort()** returns the local port number from which the client socket is initiated.
   * When used on a server-side socket, **getLocalPort()** returns the port number on which the server is listening for incoming connections.

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