

```
1 class DBClient:
2     def __sendrecv(self, message):                # this is a private method
3         sock = socket()                          # create a socket
4         sock.connect((self.host, self.port))      # connect to server
5         sock.send(pickle.dumps(message))          # send some data
6         result = pickle.loads(sock.recv(1024))    # receive the response
7         sock.close()                             # close the connection
8         return result
9
10    def create(self):
11        self.listID = self.__sendrecv([CREATE])
12        return self.listID
13
14    def getValue(self):
15        return self.__sendrecv([GETVALUE, self.listID])
16
17    def appendData(self, data):
18        return self.__sendrecv([APPEND, data, self.listID])
```