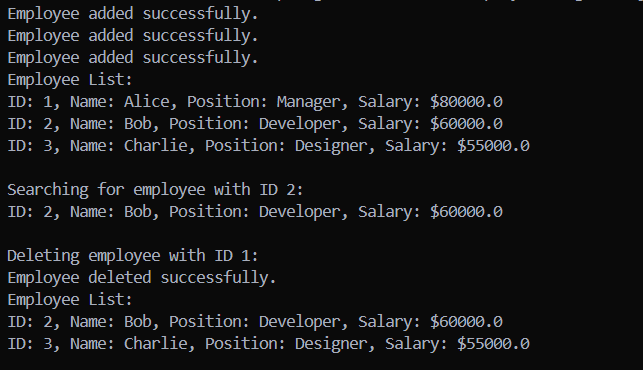
**Output**

****

The Code has been hard-Coded to make the understanding Simpler