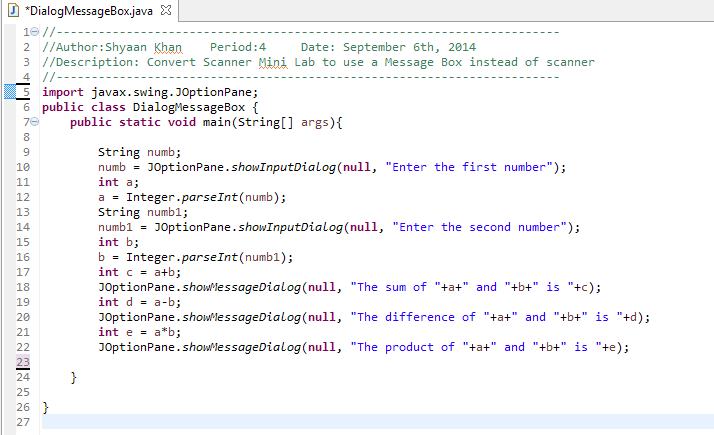
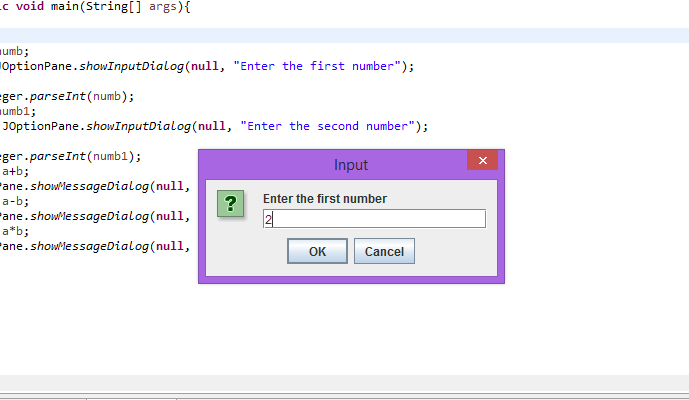
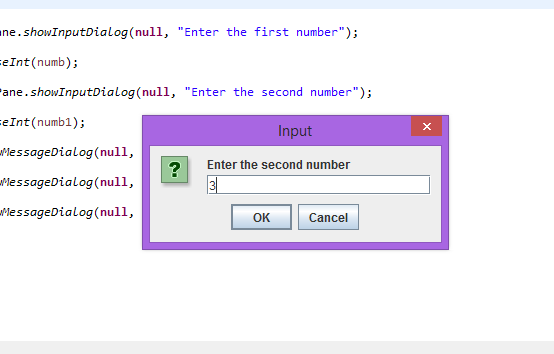
**Code:**



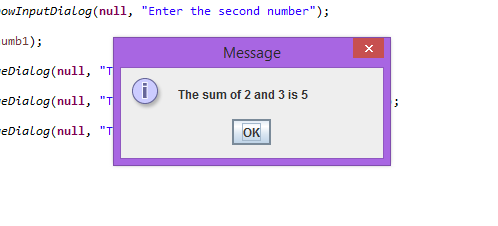
**Output 1:**



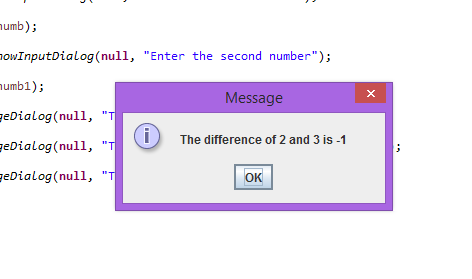
**Output 2:**



**Output 3:**



**Output 4:**



**Output 5:**

