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ROLL NO:59*/
class BubbleSortExample {

    static void bubbleSort(int[] arr) {

        int n = arr.length;
        int temp = 0;
        for (int i = 0; i < n; i++) {
            for (int j = 1; j < n - i; j++) {
                if (arr[j - 1] > arr[j]) {

                    temp = arr[j - 1];
                    arr[j - 1] = arr[j];
                    arr[j] = temp;
                }

            }

        }

    }

    public static void main(String[] args) {
        int arr[] = { 3, 60, 35, 2, 45, 320, 5 };

        System.out.println("Array Before Bubble sort");
        for (int i = 0; i < arr.length; i++) {

            System.out.println(arr[i] + "");
        }
        System.out.println();

        bubbleSort(arr);

        System.out.println("Array After Bubble Sort");
        for (int i = 0; i < arr.length; i++) {
            System.out.print(arr[i] + "");

            System.out.println();
        }

        System.out.println();

    }
}
/*
 * Array Before Bubble sort
 * 3
 * 60
 * 35
 * 2
 * 45

```

```
* 320
* 5
*
* Array After Bubble Sort
* 2
* 3
* 5
* 35
* 45
* 60
* 320
*/
```