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/*NAME:HARSH TRIPATHI
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();

}

}

```

OUTPUT:

```

?) { javac BubbleSortExample.java } ; if ($?) { java BubbleSortExample }
Array Before Bubble sort
3
60
35
2
45
320
5

Array After Bubble Sort
2
3
5
35
45
60
320

PS C:\Users\myname\Downloads\java-new-main\java-new-main\JavaFiles-main\JavaFiles-main\s-59(se)>

```