PROGRAM

```java
import java.util.Scanner;
public class QuickSort {
  public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter the number of names: ");
        int n = sc.nextInt();
        String[] names = new String[n];
        System.out.println("Enter the names: ");
        for (int i = 0; i < n; i++)
                names[i] = sc.next();
        quickSort(names, 0, n - 1);
        System.out.println("Sorted names: ");
        for (String name : names)
                System.out.println(name);
  }
  public static void quickSort(String[] arr, int left, int right) {
        if (left >= right)
                return;
        int pivotIndex = partition(arr, left, right);
        quickSort(arr, left, pivotIndex - 1);
        quickSort(arr, pivotIndex + 1, right);
  }
  public static int partition(String[] arr, int left, int right){
        String pivot = arr[left];
        int i = left+1;
        for (int j = left + 1; j <= right; j++)
                if (arr[j].compareTo(pivot) < 0) {
                        swap(arr, i, j);
                        i++;
                }
        swap(arr, left, i-1);
        return i-1;
  }
  public static void swap(String[] arr, int i, int j) {
        String temp = arr[i];
        arr[i] = arr[j];
        arr[j] = temp;
  }
}
```

Enter the number of names: 5
Enter the names:
raju
appu
manju
babu
ammu
Sorted names:
ammu
appu
babu
manju
raju