La Biblia

### Programas de ejemplo

int begin;

int end;

int[] intArray;

void quickSort (int[] array, int begin, int end) {

if (begin < end) {

int partitionIndex = partition(arr, begin, end);

quickSort(array, begin, partitionIndex-1);

quickSort(array, partitionIndex+1, end);

}

int partition(int[] array, int begin, int end) {

int pivot = array[end];

int i = (begin-1);

for (int j = begin; j < end; j++) {

if (array[j] <= pivot) {

i++;

int swapTemp = array[i];

array[i] = array[j];

array[j] = swapTemp;

}

}

int swapTemp = array[i+1];

array[i+1] = array[end];

array[end] = swapTemp;

return i+1;

}

main {

intArray = [5, 9, 4, 6, 5, 3];

begin = 0;

end = 5

quickSort(intArray, begin, end);

}

### Palabras reservadas del LenguaG

|  |  |
| --- | --- |
| main | Encabezado del main |
| int | Tipo entero |
| boolean | Tipo lógico |
| if | Condicional |
| while | Bucle |
| for | Bucle |
| void | Procedimiento |
| final | constante |
| In() | Función de entrada |
| Out() | Función de salida |