Address 0, arraypoint[0]
Address 1, arraypoint[1]
Address 2, arraypoint[2]

Address 3

Address 4

Address 5

arraypoint

size

| | |
|---|---|
| Heap | |
| Address 3 | |
| Address 4 | |
| Address 5 | |
| ⋮ | |
| point (0.0, 0.0) | |
| ⋮ | |
| point (1.0, 0.5) | |
| ⋮ | |
| point (2.0, 1.0) | |
| Empty | |
| Address 0 | |
| ⋮ | |
| 3 | |
| Stack | |
| Data Segment | |
| Code Segment | |

Heap

Stack