

### Problem3(Output) Chris Stewart

```
1 "C:\Program Files\Java\jdk-10.0.2\bin\java.exe" "-  
  javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2018.2.  
  2\lib\idea_rt.jar=53700:C:\Program Files\JetBrains\  
  IntelliJ IDEA 2018.2.2\bin" -Dfile.encoding=UTF-8 -  
  classpath C:\Users\thund\IdeaProjects\Threads\out\  
  production\Threads AddDelete  
2 x[0]=0  
3 x[1]=0  
4 x[2]=0  
5 x[3]=0  
6 x[4]=0  
7 x[5]=0  
8 x[6]=0  
9 x[7]=0  
10 x[8]=0  
11 x[9]=0  
12 x[10]=0  
13 x[11]=0  
14 x[12]=0  
15 x[13]=0  
16 x[14]=0  
17 x[15]=0  
18 x[16]=0  
19 x[17]=0  
20 x[18]=0  
21 x[19]=0  
22 x[20]=0  
23 x[21]=0  
24 x[22]=0  
25 x[23]=0  
26 x[24]=0  
27 x[25]=0  
28 x[26]=0  
29 x[27]=0  
30 x[28]=0  
31 x[29]=0  
32 x[0]=0  
33 x[1]=0  
34 x[2]=0  
35 x[3]=0  
36 x[4]=0  
37 x[5]=0  
38 x[6]=0  
39 x[7]=0  
40 x[8]=0
```

```
41 x[9]=0
42 x[10]=0
43 x[11]=0
44 x[12]=0
45 x[13]=0
46 x[14]=0
47 x[15]=0
48 x[16]=0
49 x[17]=0
50 x[18]=0
51 x[19]=0
52 x[20]=0
53 x[21]=0
54 x[22]=0
55 x[23]=0
56 x[24]=0
57 x[25]=0
58 x[26]=0
59 x[27]=0
60 x[28]=0
61 x[29]=0
62 in storedata amt 5 value -3 fill 0
63 now there is room amt 5 value -3 fill 0
64 in storedata amt 5 value -3 fill 0
65 now the array looks like
66 x[0]=-3
67 x[1]=-3
68 x[2]=-3
69 x[3]=-3
70 x[4]=-3
71 new fill is5
72 in storedata amt 5 value PB1 fill 0
73 now there is room amt 5 value PB1 fill 0
74 in storedata amt 5 value PB1 fill 0
75 now the array looks like
76 x[0]=PB1
77 x[1]=PB1
78 x[2]=PB1
79 x[3]=PB1
80 x[4]=PB1
81 new fill is5
82 in storedata amt 6 value 78 fill 5
83 in storedata amt 6 value 75 fill 5
84 in storedata amt 8 value 13 fill 5
85 in storedata amt 10 value 22 fill 5
```

```
86 in cleardata amt 4 fill 5
87 M2 Clearing from 4 to1
88
89 Process finished with exit code -1
90
```