Memory Created

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Process Created 0

Writing complete

Process Created 1

Writing complete

Process Created 2

Writing complete

Before removing process 0 and 2

1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Process ID : 0 Process Size : 3 Bottom : 0 Top : 3

Process ID : 1 Process Size : 6 Bottom : 3 Top : 9

Process ID : 2 Process Size : 9 Bottom : 9 Top : 18

After removing processes

0 0 0 1 1 1 1 1 1 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Continue? 0

Process Created 3

Writing complete

Process Created 4

Writing complete

Process Created 5

Writing complete

Before removing process 5 and 4

1 1 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Process ID : 3 Process Size : 9 Bottom : 9 Top : 18

Process ID : 4 Process Size : 2 Bottom : 0 Top : 2

Process ID : 5 Process Size : 5 Bottom : 18 Top : 23

After removing processes

0 0 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Continue? 0

Process Created 6

Writing complete

Process Created 7

Writing complete

Process Created 8

Writing complete

Before removing process 8 and 7

1 1 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Process ID : 6 Process Size : 5 Bottom : 18 Top : 23

Process ID : 7 Process Size : 9 Bottom : 23 Top : 32

Process ID : 8 Process Size : 2 Bottom : 0 Top : 2

After removing processes

0 0 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Continue? 0

Process Created 9

Writing complete

Process Created 10

Writing complete

Process Created 11

Writing complete

Before removing process 11 and 10

1 1 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Process ID : 9 Process Size : 2 Bottom : 0 Top : 2

Process ID : 10 Process Size : 6 Bottom : 23 Top : 29

Process ID : 11 Process Size : 9 Bottom : 29 Top : 38

After removing processes

1 1 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Continue? 0

Process Created 12

Writing complete

Process Created 13

Process Created 14

Writing complete

Before removing process 13 and 14

1 1 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Process ID : 12 Process Size : 8 Bottom : 23 Top : 31

Process ID : 13 Process Size : 1 Bottom : -858993460 Top : -858993460

Process ID : 14 Process Size : 5 Bottom : 31 Top : 36

After removing processes

1 1 0 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1

1 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

Continue?