

achyutjagini@achyutjagini:~/Air Student Week 12 % ./a.out

5

4

-1 -1 -1 -1 -1

1 0

1 1

1 3

1 8

4

0 1 -1 3 8

2 0

2 9

4

-1 1 -1 3 8

3 8

YES

3 102

NO

0