

Find \rightarrow Num = 4

List = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]

is $4 = 10$

\rightarrow NO

is $4 \geq 10$

\rightarrow YES

List = [1, 2, 3, 4, 5, 6, 7, 8, 9]

is $4 = 5$

\rightarrow NO

is $4 < 5$

\rightarrow YES

List = [1, 2, 3, 4]

is $4 = 2$

\rightarrow NO

is $4 < 2$

\rightarrow NO

List = [3, 4]

is $4 = 3$

\rightarrow NO

is $4 < 3$

\rightarrow NO

List = [4]

is $4 = 4$

\rightarrow YES

\rightarrow Found Num

