

4
-1 1 2 3

Sample Output 0

-1 — X
-1 1 — 0
-1 1 2 2

-1 1 2 3 5
1 1
1 2 5
1 2 3 6

$$\frac{n \times (n+1)}{2} = \frac{4 \times (5)}{2} = \frac{20}{2} = 10$$

2 2
2 5 5

3 - 3

5
-1 2 3 -2 1

$$-1 \longrightarrow -1$$

$$-1 \ 2 \longrightarrow 1$$

$$-1 \ 2 \ 3 \longrightarrow 4$$

$$-1 \ 2 \ 3 \ -2 \longrightarrow 2$$

$$-1 \ 2 \ 3 \ -2 \ 1 \longrightarrow 3$$

$$2 \longrightarrow 2$$

$$2 \ 3 \longrightarrow 5$$

$$2 \ 3 \ -2 \longrightarrow 3$$

$$2 \ 3 \ -2 \ 1 \longrightarrow 4$$

$$3 \longrightarrow 3$$

$$3 \ -2 \longrightarrow 1$$

$$3 \ -2 \ 1 \longrightarrow 2$$

$$-2 \longrightarrow -2$$

$$-2 \ 1 \longrightarrow -1$$

$$1 \longrightarrow 1$$

5 — Ans

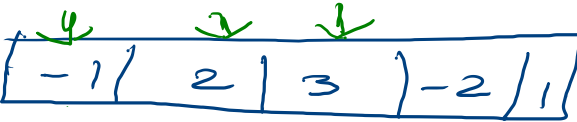
max = -1

15

5
-1 2 3 -2 1

Sample Output 0

5



max = arr[0] = -1 i = 2

csum = arr[0] = ~~2~~ 5

for (int i = 1; i < n; i++) {

if (csum > 0) {

csum += arr[i];

}

else {

csum = arr[i];

}

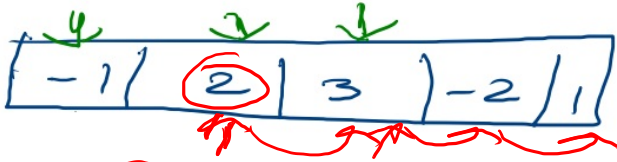
5

$$-1 + 2 = 1$$

$$\textcircled{2} - \textcircled{2}$$

$$\textcircled{5} \downarrow$$

$$csum = -1$$



$$-1 + 2 = 1$$

$$\textcircled{3}$$

$$\textcircled{2}$$

$$2 + 3 = 5 - 2 \quad \textcircled{3}$$

$$\frac{3 + 1}{4} = \textcircled{4}$$

$$arr[1] = 2$$

$$if (csum > \textcircled{arr[1]})$$

{

3

else {

$$csum = arr[1]$$

}

4
2 3 -2 4

Sample Output 0

$$\begin{array}{ccc} 2 & \longrightarrow & 2 \\ \boxed{2 \ 3} & \longrightarrow & 6 \end{array}$$

$$2 \ 3 - 2 \longrightarrow -12$$

$$2 \ 3 - 2 \ 4 \longrightarrow -48$$

$$3 \longrightarrow 3$$

$$3 - 2 \longrightarrow -6$$

$$3 - 2 \ 4 \longrightarrow -24$$

$$\begin{array}{ccc} -2 & \longrightarrow & -2 \\ -2 \ 4 & \longrightarrow & -8 \end{array}$$

$$4 \longrightarrow 4$$



...

Sample Output 0


$$\begin{cases} p = p \times arr[i]; \\ r = r \times arr[n-1-i]; \end{cases}$$

2 3 -2 4

Sample Output 0

$$l = 0$$

$$r = 1$$

ans = Integer.MIN_VALUE

for (int i = 0; i < n; i++) {

$$\begin{cases} l = l * arr[i]; \\ r = r * arr[n-1-i]; \end{cases}$$

$$ans = 6$$

$$ans = 4 \times 6$$

$$l = 1 * 2 = 2 \times 3 = 6 \times -2 = -12 \times 4 = -48$$

$$r = 1 * 4 = 4 \times -2 = -8 \times 3 = -24$$

$$-24 \times 2 = -48$$

$$\begin{array}{|c|c|c|c|} \hline 2 & 0 & 6 & 0 \\ \hline \end{array}$$

$$l = 2 \times 0 \times 6 = 0 \times 0$$

$$r = 0 \times 0 \times 0 \times 0 = 0$$