Name: Minh Khai Tran

zID: z5168080

**Question 3:**

* Let is the sequence on numbers and be the net sequence in the reverse order.
* Let compute the convolution of the two sequences we get sequence
* Consider the element in the sequence : (this element represents the number of fish when we place the net at the position from the left end.

Hence, .

* Our goal is to find the maximum element in the sequence .
* A screenshot of a cell phone

  Description automatically generatedUsing algorithm to find the convolution of the two sequences
* Time complexity: