1.

*MAX\_SEARCH(L)*

*INPUT: An unsorted list L*

*OUTPUT: The maximum value of the list*

*Max = L[0]*

*Count = 1*

***while*** *Count < LENGTH(L)*

***if*** *L[Count] > Max*

*Max = L[Count]*

*Count = Count + 1*

***return*** *Max*

2.

Text

Description automatically generated

<https://colab.research.google.com/drive/15MEHDDhFmyCGxmNP8Gt98uPRWrtToiwl?usp=sharing>

3.

Graphical user interface, text, application

Description automatically generated

<https://colab.research.google.com/drive/1mgQ9xTDfSlNyriLyiPUMW6jyqFPirc78?usp=sharing>

4.

Graphical user interface, text

Description automatically generated

<https://colab.research.google.com/drive/1JUg3FWO40QRBGEi18zdIO6w0QDCIA6_I?usp=sharing>

5.

Graphical user interface, text, application, email

Description automatically generated

<https://colab.research.google.com/drive/1H-GxGjHv5Yd4XSWZU7-0U0X6LO1n69Bi?usp=sharing>

6.

Text

Description automatically generated

<https://colab.research.google.com/drive/1VSVU11LeNOpNbugGk5Wi-uY6GeRcc_Er?usp=sharing>

B1.

Bubblesort is a sorting algorithm that functions by iterating through a list and testing two consecutive elements, and swapping them if the first is greater than the second. This approach requires iterating through the list many times.

Text

Description automatically generated

https://colab.research.google.com/drive/10ylDa0rlR4-2L49s0gQXzzkJzO7gFjDT?usp=sharing