<https://www.geeksforgeeks.org/maximum-and-minimum-in-an-array/>

A picture containing text, screenshot, font

Description automatically generated

Method1:

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The time complexity = O(n log n), space complexity is O(1)

Method2: Linear search:

**Time Complexity:** O(n), **Auxiliary Space:**O(1)A screenshot of a computer program

Description automatically generated with low confidence

Method3: tournament method

**Time Complexity:**O(n)  
**Auxiliary Space:**O(log n) -> due to recursion

A screenshot of a computer program

Description automatically generated with medium confidence

Method4: comparing in pairs

**Time Complexity:** O(n), **AuxiliarySpace:**O(1)

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