1. Minmax

minmax ({1,2,3,4,5}): 1 5 this function is in <algorithm>

1. **\_\_builtin\_popcount(x)**

This function is used to count the number of one’s(set bits) in an integer.

if x = 4

binary valu­e of 4 is 100

Output: No of ones is 1.

1. . **\_\_builtin\_parity(x)**

This function is used to check the [parity](https://www.geeksforgeeks.org/program-to-find-parity/) of a number. This function returns true(1) if the number has odd parity else it returns false(0) for even parity.

1. fmod(7.5,0)= to find reminder of two
2. swap(a,b) – swaps the two elements it can be number or even a string.
3. Sort( start\_index, end\_index)- By default it sorts in ascending order and uses IntroSort means behaves as per the dataset. It can sort integers or characters. To sort in descending order we add greater<>().

Sort(arr,arr+n,greater<int>())

1. Binary\_search(start\_index,end\_index,key) – this uses binary search to find the key in the given dataset and returns the key if the element is found else returns 0.
2. [Vector operations](vector%20operations.docx)
3. Min
4. Max