**Explanation of code functionality-** In this code, we have an array in which we have the number of machines. So, we have made a function which uses binary search algorithm. If the index match shows the result “-1”, it means we have no machine which will run the program otherwise, it will return the index position of the machine which will run the program.

**Use of the code-** the intentional use of this code is to find out the optimal order that which machine should be executed first and which one latter. So that we can save our time.

**Utilisation in future projects-** If we have many machines and we need to calculate the efficiency of the program or we are getting many activities, through this code we can find out which activity should be executed first and then after or it tells us which activities have already been executed.

**This program is dependent on divide, conquer and combine algorithm which can be further used in greedy algorithms**