|  |  |
| --- | --- |
| Content of the array before  arr[0] = 8  arr[1] = 89  arr[2] = 4  arr[3] = 8  arr[4] = 56  arr[5] = 34  arr[6] = 10  arr[7] = 24  arr[8] = 11  arr[9] = 12  arr[10] = 89  arr[11] = 70  arr[12] = 21  arr[13] = 100  arr[14] = 23  arr[15] = 2  arr[16] = 1  arr[17] = 9  arr[18] = 11  arr[19] = 77  arr[20] = 75  arr[21] = 86  arr[22] = 90  arr[23] = 15  arr[24] = 18  arr[25] = 23  arr[26] = 22  arr[27] = 17  arr[28] = 0  arr[29] = 33  arr[30] = 87  arr[31] = 55  arr[32] = 43  arr[33] = 87  arr[34] = 32  arr[35] = 37  arr[36] = 16  arr[37] = 90  arr[38] = 40  arr[39] = 30  arr[40] = 50  arr[41] = 70 | Content of the array after  arr[0] = 0  arr[1] = 1  arr[2] = 2  arr[3] = 4  arr[4] = 8  arr[5] = 8  arr[6] = 9  arr[7] = 10  arr[8] = 11  arr[9] = 11  arr[10] = 12  arr[11] = 15  arr[12] = 16  arr[13] = 17  arr[14] = 18  arr[15] = 21  arr[16] = 22  arr[17] = 23  arr[18] = 23  arr[19] = 24  arr[20] = 30  arr[21] = 32  arr[22] = 33  arr[23] = 34  arr[24] = 37  arr[25] = 40  arr[26] = 43  arr[27] = 50  arr[28] = 55  arr[29] = 56  arr[30] = 70  arr[31] = 70  arr[32] = 75  arr[33] = 77  arr[34] = 86  arr[35] = 87  arr[36] = 87  arr[37] = 89  arr[38] = 89  arr[39] = 90  arr[40] = 90  arr[41] = 100 |