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| --- | --- |
| **Aim** | Find Captain Room Number  Sample Input  5  1 2 3 6 5 4 4 2 5 3 6 1 6 5 3 2 4 1 2 5 1 4 3 6 8 4 3 1 5 6 2  Sample Output  8 |
| **Code** | X = int(input()) rooms = list(map(int, input().split())) p = set() q = set() for room in rooms:  if room not in p: #if room is not in p then it will add that integer in p and q  p.add(room)  q.add(room)  else: #now if room is already in p then it will discard that int from q  q.discard(room) q = list(q) print(q[0]) |
| **Output** |  |