

APP WEEK-4 HackerRank

Q1. Migratory Birds

Code:

```
def migratoryBirds(arr):  
    count = [0] * 6  
    for i in arr:  
        count[i] += 1  
    return count.index(max(count))
```

Q2. Jumping On The Clouds

Code:

```
def jumpingOnClouds(c):  
    x,y = 0,0  
    while x<len(c)-2:  
        x = x+1 if c[x+2] else x+2  
        y+=1  
    if x<len(c)-1:  
        y+=1  
    return y
```

Snapshot:

The screenshot shows the HackerRank website interface. The top navigation bar includes 'HackerRank' and tabs for 'PREPARE', 'CERTIFY', and 'COMPETE'. The main header displays 'Problem Solving' with a progress bar indicating '15 more points to get your next start!'. The user's rank is 1632273 and points are 85/100. The left sidebar lists solved problems: 'Number Line Jumps', 'Breaking the Records', 'Migratory Birds', 'Climbing the Leaderboard', 'Beautiful Days at the Movies', and 'Jumping on the Clouds'. The right sidebar shows the user's status as 'Solved' for all listed problems. The bottom of the page shows the Windows taskbar with the date 12-02-2023 and time 05:07 PM.