

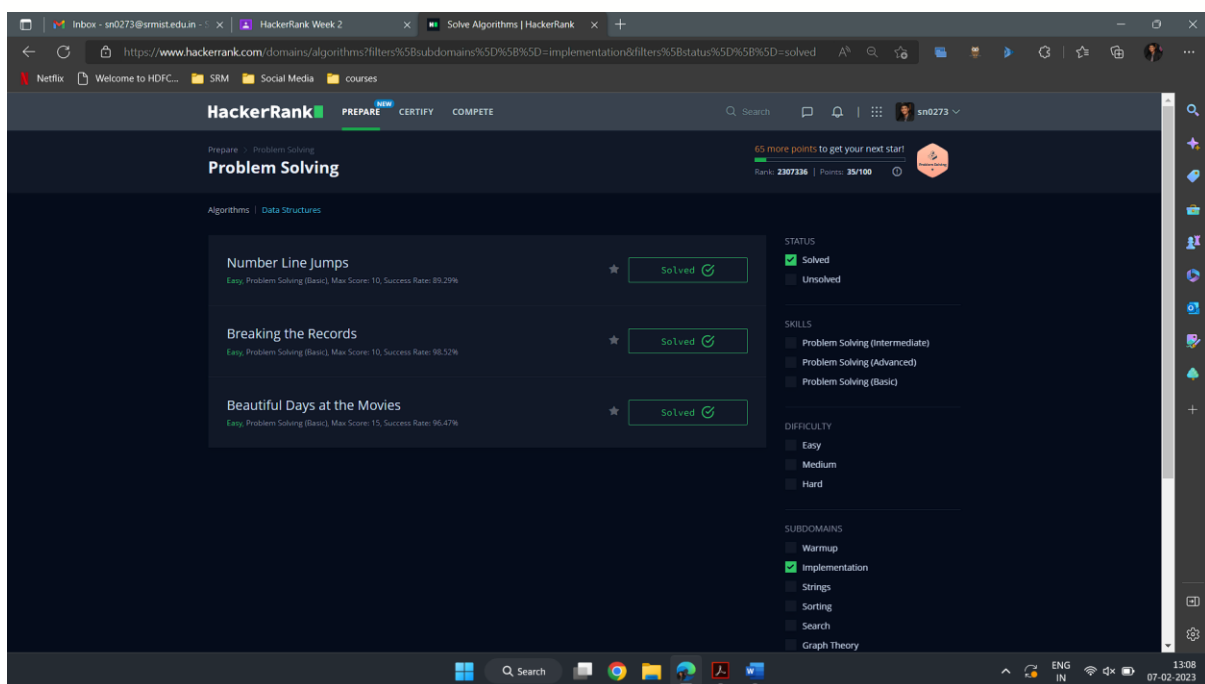
## APP WEEK-2 Hackerrank

### Q1. Kangaroo (Number line Jumps)

#### Code:

```
def kangaroo(x1, v1, x2, v2):  
    if x2 > x1 and v2 > v1:  
        return "NO"  
    else:  
        if v2-v1 == 0:  
            return 'NO'  
        else:  
            result = (x1-x2) % (v2-v1)  
            if result == 0:  
                return 'YES'  
            else:  
                return 'NO'
```

#### SnapShot:



## Q2. Breaking the Records

### Code:

```
def breakingRecords(scores):  
    ma = mi = scores[0]  
    solution = [0,0]  
    for ele in scores:  
        if ele > ma:  
            solution[0] += 1  
            ma = ele  
        if ele < mi :  
            solution[1] += 1  
            mi = ele
```

### Snapshot:

