Day 9&10&11(Thursday,Friday,Saturday)

1. <https://practice.geeksforgeeks.org/problems/row-with-max-1s0023/1>

class Solution{

public:

int rowWithMax1s(vector<vector<int> > arr, int n, int m) {

// code here

vector<int>v;

int c=0;

for(int i=0;i<arr.size();i++)

{

c=0;

for(int j=0;j<arr[i].size();j++)

{

if(arr[i][j]==1)c++;

}

v.push\_back(c);

}

int row=-1;

int max\_row=0;

for(int i=0;i<n;i++)

{

if(max\_row<v[i])

{

row=i;

max\_row=v[i];

}

}return row;

}

};

1. <https://www.geeksforgeeks.org/split-the-binary-string-into-substrings-with-equal-number-of-0s-and-1s/>

#include <bits/stdc++.h>

using namespace std;

int maxSubStr(string str, int n)

{

int c0=0,c1=0;

int cnt=0;

for(int i=0;i<n;i++)

{

if(str[i]=='0')c0++;

else if(str[i]=='1')c1++;

if(c0==c1)

{

cnt++;

c0=c1=0;

}

}

if(cnt==0)return -1;

return cnt;

}

// Driver code

int main()

{

string str = "0100110101";

int n = str.length();

cout << maxSubStr(str, n);

return 0;

}

1. <https://practice.geeksforgeeks.org/problems/word-wrap/0>

Nahi Bna

1. <https://practice.geeksforgeeks.org/problems/find-missing-and-repeating2512/1>

Sare Test Case Pass Nahi Huye ----T.L.E.

1. <https://practice.geeksforgeeks.org/problems/majority-element-1587115620/1>

int majorityElement(int a[], int size)

{

// your code here

map<int,int>m;

int c=size/2;

for(int i=0;i<size;i++)

{

m[a[i]]++;

}

for(auto i:m)

{

if(i.second>c)

return i.first;

}

return -1;

}

1. <https://www.geeksforgeeks.org/maximum-and-minimum-in-an-array/>

#include<iostream>

#include<bits/stdc++.h>

using namespace std;

vector<int> minMax(int arr[],int n)

{

int min=arr[0];

int max=arr[0];

for(int i=1;i<n;i++)

{

if(min>arr[i])min=arr[i];

if(max<arr[i])max=arr[i];

}

return {min,max};

}

int main()

{

int arr[] = { 1000, 11, 445,

1, 330, 3000 };

int arr\_size = 6;

vector<int>res=minMax(arr,arr\_size);

for(auto x:res)

cout<<x<<" ";

return 0;

}

1. <https://www.geeksforgeeks.org/optimum-location-point-minimize-total-distance/>

-Ques Smz nahi aaya

1. <https://practice.geeksforgeeks.org/problems/intersection-of-two-sorted-linked-lists/1>

Node\* findIntersection(Node\* head1, Node\* head2)

{

// Your Code Here

Node\* temp=new Node(0);

Node \*temp1=temp;

Node \*h1=head1,\*h2=head2;

while(h1&&h2)

{

if(h1->data==h2->data)

{

Node \*newNode= new Node(h1->data);

//temp->data=newNode->data;

temp->next=newNode;

temp=temp->next;

h1=h1->next;

h2=h2->next;

}else if(h1->data<h2->data)

{

h1=h1->next;

}else

h2=h2->next;

}

return temp1->next;

}

1. <https://practice.geeksforgeeks.org/problems/intersection-point-in-y-shapped-linked-lists/1>

-Nahi BNA

1. <https://practice.geeksforgeeks.org/problems/sort-a-linked-list/1>

-Nahi Bna

1. <https://practice.geeksforgeeks.org/problems/quick-sort-on-linked-list/1>

-NAhi bna

1. <https://leetcode.com/problems/middle-of-the-linked-list/>

class Solution {

public:

ListNode\* middleNode(ListNode\* head) {

ListNode \*slow=head,\*fast=head;

while(fast&&fast->next)

{

fast=fast->next->next;

slow=slow->next;

}

return slow;

}

};