```
#include<iostream>
using namespace std;
class Heap
      int n;
       int *minheap,*maxheap;
      public:
      void get();
      void displayMin(){cout<<"Minimum marks are :"<<minheap[0]<<endl;}</pre>
      void displayMax(){cout<<"Maximum marks are :"<<maxheap[0]<<endl;}</pre>
      void upAdjust(bool,int);
void Heap::get()
       cout<<"Enter number of students."<<endl;
       cin>>n;
      int k;
      minheap=new int[n];
      maxheap=new int[n];
      cout<<"Enter marks of students."<<endl;
      for(int i=0;i<n;i++)
              cin>>k;
              minheap[i]=k;
              upAdjust(0,i);
              maxheap[i]=k;
              upAdjust(1,i);
void Heap::upAdjust(bool m,int l)
      int s;
       if(!m)
             while(minheap[(I-1)/2]<minheap[I])
                     s=minheap[l];
                     minheap[l]=minheap[(l-1)/2];
                     minheap[(I-1)/2]=s;
                     I=(I-1)/2;
                     if(l==-1)
                            break;
       else
             while(maxheap[(l-1)/2]>maxheap[l])
                     s=maxheap[l];
```