406410114   UVA10050 Hartals

```cpp
// case num
// N 7-3650  day
// P 1-100
// p unmber int  never be a multi of 7
// 5 6 not in hartals day
#include <bits/stdc++.h>
using namespace std;

int main(){
        int i,j,k;
        int test_num,day_num,hartals_num;
        cin >> test_num;
        while ( test_num-- ){
                cin >> day_num;
                cin >> hartals_num;
                vector <int> hartals_data;
                for ( i = 0; i< hartals_num;i++ ){
                        int t ;
                        cin >> t;
                        hartals_data.push_back( t );
                }//for

                vector <bool> lose_work_day( day_num+1,false );
                for ( i = 0 ; i <hartals_data.size();i++  ){
                        for ( j = 1;j<lose_work_day.size();j++ ){
                                if( j%hartals_data[i] == 0 && (j%7 != 6 && j%7 !=0 )){
                                        lose_work_day[j] = true;

                                }//if
                        }//for
                }//for

                int ans = 0;
                for ( j = 1;j<lose_work_day.size();j++ ){
                        if ( lose_work_day[j] == true ){
                                //cout << "lose_work_day[j]: "<< j << " (weekday:" << j%7 << ")"<<endl;
                                ans++;
                        }//if
                }//for
                cout << ans <<endl;

                lose_work_day.clear();
                hartals_data.clear();
        }//while

        return 0;
}//main()
```