A	B	C	D	E	F	Sum
100	100	100	0	100	0	400

Task A ()

```cpp
#include <iostream>
#include <vector>
#include <cmath>
#include <algorithm>
#include <string>
using namespace std;

int main()
{
    int n;
    cin >> n;
    cout << n-1;
}
```

Task B ()

```cpp
#include <iostream>
#include <vector>
#include <cmath>
#include <algorithm>
#include <string>
using namespace std;

int main()
{
    int n;
    cin >> n;
    if (n==6){
        long double x[6],y[6],c=0;
        int j1=0,j2=0,ans;
        cin >> x[0] >> y[0] >> x[1] >> y[1] >> x[2] >> y[2] >> x[3] >> y[3] >> x[4] >> y[4] >> x[5] >> y[5];
        for(int i = 1;i<5;i++){
            for(int j = i+1;j<6;j++){
                if((x[i]-x[0])*(x[j]-x[0])+((y[i]-y[0])*(y[j]-y[0]))<c ){
                    j1=i;j2=j;c=(x[i]-x[0])*(x[j]-x[0])+((y[i]-y[0])*(y[j]-y[0]));
                }
            }
        }
        c = 0;
        for(int i=1;i<6;i++){
            if((x[j1]-x[0])*(x[j1]-x[i])+((y[j1]-y[0])*(y[j1]-y[i]))<c ){
                c = (x[j1]-x[0])*(x[j1]-x[i])+((y[j1]-y[0])*(y[j1]-y[i]));ans=i;
            }
        }
        cout << x[ans] << '_' << y[ans] << endl;
        c=0;
        for(int i=1;i<6;i++){
            if((x[j2]-x[0])*(x[j2]-x[i])+((y[j2]-y[0])*(y[j2]-y[i]))<c ){
                c=(x[j2]-x[0])*(x[j2]-x[i])+((y[j2]-y[0])*(y[j2]-y[i]));
                ans=i;
            }
        }
        cout << x[ans] << '_' << y[ans] << endl;
        cout << x[0] << '_' << y[0];
    }
    else{
        long double x[6],y[6],xcentre,ycentre,xpoly,ypoly;
        cin >> x[0] >> y[0] >> x[1] >> y[1] >> x[2] >> y[2];
        xcentre=(x[0]+x[1]+x[2])/3;
        ycentre=(y[0]+y[1]+y[2])/3;
        for(int i = 0;i<3;i++){
            cout << x[i] << '_' << y[i] <<endl;
            xpoly=((x[i]+x[(i+1)%3])/2);
            ypoly=((y[i]+y[(i+1)%3])/2);
            cout << xpoly-(xcentre-xpoly) << '_' << ypoly-(ycentre-ypoly) << endl;
        }
    }
}
```

Task C ()

```cpp
#include <iostream>
#include <vector>
#include <cmath>
#include <algorithm>
#include <string>
#include <math.h>
using namespace std;

int main()
{
    int n,c=0,len;
    string s,a;
    cin >> s;
    cin >> n;
    len = s.length();
    for(int i = 0;i<n;i++){
        cin >> a;
        int min=len;
        for(int j=0;j < a.length();j++){
            int cou=0,pos=j;
            for(int h = 0;h<len;h++){
                if(a[pos]==s[h]){
                    pos+=1;
                }
                else{
                cou +=1;}
            }

            if (cou<min){min=cou;}

        }
        c+=min;
    }
    cout << c;
}
```

Task D ()

Task E ()

```cpp
#include <iostream>
#include <vector>
#include <cmath>
#include <algorithm>
#include <string>
#include <math.h>
using namespace std;

int main()
{
    long long n,m,b,p[13],q[13],a=0,d,c,k,l,t,count=0;

    cin >> n >> m >> b;
    vector <long long> kvadrati(pow(2,b),0);
    for(int i =0;i<b;i++){
        cin >> p[i] >> q[i];
    }
    c=pow(2,b);
    t=c;
    for(int i = 0;i<b;i++){
        long long count =0;
        long long j=0;
        while(j<c && count < t){
            if(kvadrati[j]!=(-1)){
                if(a==0){
                    cout << "?" << '_';
                }
                a++;
                cout << p[i]+(j*n) << '_' << q[i] << '_';
                count++;
            }
            if(a==2){
                a=0;
                cout << endl;
                cin >> k >> l;
                if(l<=m){
                    kvadrati[(k-1)/n]=(-1);}

            }
            j++;
        }
        t/=2;
    }
    if(a==1){
        cout << -1 << '_' << -1 << endl;
        cin >> k >> l;
        if(l<=m){
        kvadrati[(k-1)/n]=(-1);}
    }
    for(int i = 0;i<c;i++){
        if(kvadrati[i]!=-1){

            cout << "!" << '_' <<1+(i*n) << "_" << 1;
            break;
        }
    }
}
```

Task F ()