

Q23

```
#include <stdio.h>
```

```
int main(){
    int t;
    scanf("%d",&t);

    while(t--){
        int g,p;
        scanf("%d %d", &g, &p);
        int n;
        scanf("%d",&n);

        int c1=0,c2=0;
        for(int i=0;i<n;i++){
            int a,b;
            scanf("%d %d", &a,&b);

            if(a==1) c1++;
            if(b==1) c2++;

        }
        int cost1= c1*g + c2*p;
        int cost2= c1*p + c2*g;

        int answer = (cost1 < cost2) ? cost1:cost2;
        printf("%d\n", answer);
    }
    return 0;
}
```

```
1 #include <stdio.h>
2
3 int main(){
4     int t;
5     scanf("%d", &t);
6
7     while(t--){
8         int g,p,n;
9         scanf("%d%d%d",&g,&p,&n);
10
11        int c1=0,c2=0;
12        for(int i=0;i<n;i++){
13            int a,b;
14            scanf("%d%d",&a,&b);
15            if(a==1)
16                c1++;
17            if(b==1)
18                c2++;
19        }
20        int cost1=c1*g+c2*p;
21        int cost2=c1*p+c2*g;
22
23        int answer=(cost1<cost2)?cost1:cost2;
24        printf("%d\n",answer);
25    }
26    return 0;
27}
28
```