

## CP With Shibam

### Day-8

#### [A. New Year and Hurry](#)

```
#include <iostream>

using namespace std;

int main(void){

    int a,b,k=0;

    cin>>a>>b;

    while(b<=240)k++,b+=5*k;

    cout<<min(k-1,a);

    return 0;

}
```

#### [A. Required Remainder](#)

```
#include<bits/stdc++.h>

using namespace std;

int main() {

    int t, x, y, n;

    cin>>t;

    while(t--){

        cin>>x>>y>>n;

        cout<<(n-y)/x*x+y<<endl;

    }

}
```