

```
/**  
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**/
```

```
#include <cstdio>  
#include <algorithm>
```

```
using namespace std;
```

```
int p;  
int num[25], m;
```

```
void citire()  
{  
    char x;  
    scanf("%c", &x);  
    while(x!=' ')  
    {  
        num[++m]=x-'0';  
        scanf("%c", &x);  
    }  
    scanf("%d", &p);  
}
```

```
void transformare(int x)  
{  
    for(int i=1; i<m-p+1; i++)  
        num[i]=(num[i]+x)%10;
```

```
    for(int i=m-p+2; i<=m; i++)
        num[i]=abs(num[i]-x);
}
```

```
void afisare()
{
    for(int i=1; i<=m; i++)
        printf("%d", num[i]);
    printf("\n");
}
```

```
int main()
{
    freopen("number.in", "r", stdin);
    for(int acsl=1; acsl<=5; acsl++)
    {
        m=0;
        citire();
        transformare(num[m-p+1]);
        afisare();
        scanf("\n");
    }
```

```
    return 0;
}
```