

Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
8199920	01:59:59	A Vicious Pikeman (Easy)	✔ Accepted	0.00 s	C++
	✔✔✔✔✔✔✔✔✔✔✔✔				

Submission contains 1 file: [download zip archive](#)

FILENAME	FILESIZE	SHA-1 SUM	
pikemaneasy.cpp	596 bytes	d52e06e3fdc3f7120c693e4f85d0ada071697bf1	download

Edit and resubmit this submission.

pikemaneasy.cpp

```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5 #define vll vector<ll>
6
7 const int MOD = 1000000007;
8
9 int main() {
10
11     long n;
12     long t;
13     long long a;
```

```

14     long long b;
15     long long c;
16
17     cin>>n>>t>>a>>b>>c;
18
19     vector<long> v(n);
20     cin >> v[0];
21
22     for (int i = 1; i < n; i++) {
23         v[i] = (v[i - 1] * a + b) % c + 1;
24     }
25
26     sort(v.begin(), v.end());
27
28     long long s = 0;
29     long long total = 0;
30
31     int k = 0;
32
33     for (int i = 0; i < n; i++) {
34
35         if (s + v[i] > t)
36             break;
37         s += v[i];
38         total = (total + s) % MOD;
39         k++;
40     }
41
42     cout<<k<<" "<<total<<endl;
43 }

```