A. Multiple Choice

Submission 132731424

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:21:48	Multiple Choice	C++14(GCC 9)	Accepted

Code

```
// 周赛1.cpp : 此文件包含 "main" 函数。程序执行将在此处开始并结束。
//

#include <iostream>

int main()
{
    std::cout << "BBBAC";
}

// 运行程序: Ctrl + F5 或调试 >“开始执行(不调试)”菜单
// 调试程序: F5 或调试 >“开始调试”菜单

// 入门使用技巧:
//   1. 使用解决方案资源管理器窗口添加/管理文件
//   2. 使用团队资源管理器窗口连接到源代码管理
//   3. 使用输出窗口查看生成输出和其他消息
//   4. 使用错误列表窗口查看错误
//   5. 转到“项目”>“添加新项”以创建新的代码文件，或转到“项目”>“添加现有项”以将现有代码文件添加到项目
//   6. 将来，若要再次打开此项目，请转到“文件”>“打开”>“项目”并选择 .sln 文件
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132678258

User	Time	Problem	Language	Verdict
LYX420	2023/10/31 21:24:22	Multiple Choice	Python 3	Accepted

Code

```
print('BBBAC')
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132678017

User	Time	Problem	Language	Verdict
LYX420	2023/10/31 21:23:35	Multiple Choice	C++14(GCC 9)	Compile Error

Code

```
print('BBBAC')
```

Test Detail

- Compile Error

```
/tmp/compiler_xc31__q8/src:1:7: 警告: 字符常量大小超出其类型
    1 | print('BBBAC')
      |       ^~~~~~
/tmp/compiler_xc31__q8/src:1:6: 错误: expected constructor, destructor, or type conversion before ‘(’ token
    1 | print('BBBAC')
      |      ^
```

Submission 132637861

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:20:22	Multiple Choice	Python 3	Accepted

Code

```
print("BBBAC")
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132637803

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:20:11	Multiple Choice	Python 3	Unaccepted

Code

```
print("BBAAC")
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132637230

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:18:09	Multiple Choice	Python 3	Unaccepted

Code

```
print("BBDAC")
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132636416

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:15:08	Multiple Choice	Python 3	Unaccepted

Code

```
print("BDCAC")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132636060

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:13:50	Multiple Choice	Python 3	Unaccepted

Code

```
print("BBCAC")
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132635724

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:12:39	Multiple Choice	Python 3	Unaccepted

Code

```
print("BBAAC")
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132635479

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:11:45	Multiple Choice	Python 3	Unaccepted

Code

```
print("BBDAC")
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132634988

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:09:46	Multiple Choice	Python 3	Unaccepted

Code

```
print("BDDAC")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132633543

User	Time	Problem	Language	Verdict
Kkj113	2023/10/31 19:03:19	Multiple Choice	C	Unaccepted

Code

```
#include<stdio.h>
int main()
{
    printf("BBBAA");
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct

- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Wrong Answer : wrong answer the participant's output is incorrect

Submission 132633456

User	Time	Problem	Language	Verdict
Kkj113	2023/10/31 19:02:57	Multiple Choice	C	Compile Error

Code

```c
#include<stdio.h>
int main()
{
    printf("BBBAA")
    return 0;
}
```

Test Detail

- Compile Error

```
/tmp/compiler_ly3iuqdp/src: 在函数‘main’中:
/tmp/compiler_ly3iuqdp/src:4:20: 错误: expected ‘;’ before ‘return’
    4 |     printf("BBBAA")
      |                    ^
      |                    ;
    5 |     return 0;
      |     ~~~~~~
```

Submission 132630392

User	Time	Problem	Language	Verdict
TJ111	2023/10/31 18:48:47	Multiple Choice	C++14(GCC 9)	Accepted

Code

```cpp
#define  _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<stdlib.h>
#include<algorithm>
#include<string.h>
#include<iostream>
#include<queue>
#include<math.h>
#include<string>
#include<map>
#include<functional>
#include<unordered_map>
#include<bitset>

using namespace std;

#define int long long
#define inf 0x3f3f3f3f

int t;



signed main(void)
{
	cin.tie(0);
	cout.tie(0);
	ios::sync_with_stdio(0);


	cout << "BBBAC";


	system("pause");
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132630106

User	Time	Problem	Language	Verdict
TJ111	2023/10/31 18:47:10	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```cpp
#define  _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<stdlib.h>
#include<algorithm>
#include<string.h>
#include<iostream>
#include<queue>
#include<math.h>
#include<string>
#include<map>
#include<functional>
#include<unordered_map>
#include<bitset>

using namespace std;

#define int long long
#define inf 0x3f3f3f3f

int t;



signed main(void)
{
	cin.tie(0);
	cout.tie(0);
	ios::sync_with_stdio(0);


	cout << "BBBBC";


	system("pause");
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 132629917

User	Time	Problem	Language	Verdict
TJ111	2023/10/31 18:46:07	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```cpp
#define  _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<stdlib.h>
#include<algorithm>
#include<string.h>
#include<iostream>
#include<queue>
#include<math.h>
#include<string>
#include<map>
#include<functional>
#include<unordered_map>
#include<bitset>

using namespace std;

#define int long long
#define inf 0x3f3f3f3f

int t;



signed main(void)
{
	cin.tie(0);
	cout.tie(0);
	ios::sync_with_stdio(0);


	cout << "BCBBC";


	system("pause");
	return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131901195

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 20:32:32	Multiple Choice	C++14(GCC 9)	Accepted

Code

```cpp
#include <bits/stdc++.h>
#define ll long long
#define mod int(1e9 + 7)
using namespace std;

int main() {
    ios::sync_with_stdio(false);
    cin.tie(NULL);
    cout.tie(NULL);
    cout << "BBBAC";
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131900811

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 20:31:20	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <bits/stdc++.h>
#define ll long long
#define mod int(1e9 + 7)
using namespace std;

int main() {
    ios::sync_with_stdio(false);
    cin.tie(NULL);
    cout.tie(NULL);
    cout << "BBDAC";
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131900087

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 20:29:02	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <bits/stdc++.h>
#define ll long long
#define mod int(1e9 + 7)
using namespace std;

int main() {
    ios::sync_with_stdio(false);
    cin.tie(NULL);
    cout.tie(NULL);
    cout << "BBDBC";
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131292758

User	Time	Problem	Language	Verdict
Zyh18970141507	2023/10/23 23:30:28	Multiple Choice	C	Accepted

Code

```c
#include<stdio.h>
int main()
{
    printf("BBBAC");
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131291114

User	Time	Problem	Language	Verdict
HuTao29	2023/10/23 23:17:53	Multiple Choice	Python 3	Accepted

Code

```python
print("BBBAC")
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131149279

User	Time	Problem	Language	Verdict
Monet_uta	2023/10/23 09:53:38	Multiple Choice	C	Unaccepted

Code

```
#include<stdio.h>
int main (){
    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Wrong Answer : wrong answer the participant's output is incorrect

Submission 131136843

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:32:49	Multiple Choice	C++14(GCC 9)	Accepted

Code

```
#include<stdio.h>
int main()
{
        printf("BBBAC\n");
        return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok the participant's output is correct
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136825

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:32:39	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
        printf("BBCDC\n");
        return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136802

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:32:32	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	printf("BBCCC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136789

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:32:24	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	printf("BBCBC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136774

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:32:15	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	printf("BBCAC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136622

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:30:54	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	printf("BBADC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136603

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:30:38	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BBACC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136580

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:30:27	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BBABC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136568

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:30:19	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BBAAC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136516

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:29:54	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BBDDC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136494

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:29:43	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BBDCC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136473

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:29:33	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BBDBC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136408

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:29:06	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BBDAC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok the participant's output is correct
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136379

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:28:53	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("BCDAC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136227

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:27:29	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("ACDAC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136167

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:26:57	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("AADAC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Accepted : ok the participant's output is correct

Submission 131136116

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:26:31	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("ABDAC\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted

- Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
- Test 2 - Accepted : ok the participant's output is correct

Submission 131135681

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:22:16	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("AAAAA\n");
	return 0;
 }
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Wrong Answer : wrong answer the participant's output is incorrect

Submission 131135610

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:21:29	Multiple Choice	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	printf("AAAAA");
	return 0;
 }
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Wrong Answer : wrong answer the participant's output is incorrect

Submission 131135442

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/22 23:19:58	Multiple Choice	C	Unaccepted

Code

```
#include<stdio.h>
int main()
{
    printf("AAAAA");
    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer the participant's output is incorrect
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer the participant's output is incorrect
  - Test 2 - Wrong Answer : wrong answer the participant's output is incorrect

B. Assembly Verification

Submission 132732462

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:36:09	Assembly Verification	C	Unaccepted

Code

```c
#include <stdio.h>

#define MAX_N 1000
#define MAX_C 32
#define MAX_S 10000

int main() {
    int n, r[MAX_N], c[MAX_N], p[MAX_N][MAX_C];
    int s, r0, c0, p0[MAX_C], assembly[MAX_S];

    // Read input
    scanf("%d", &n);
    for (int i = 0; i < n; i++) {
        scanf("%d %d", &r[i], &c[i]);
        for (int j = 0; j < c[i]; j++) {
            scanf("%d", &p[i][j]);
        }
    }
    scanf("%d %d %d", &s, &r0, &c0);
    for (int i = 0; i < c0; i++) {
        scanf("%d", &p0[i]);
    }
    for (int i = 0; i < s; i++) {
        scanf("%d", &assembly[i]);
    }

    // Initialize stack
    int stack[MAX_C];
    int top = -1;

    // Check the assembly
    for (int i = 0; i < s; i++) {
        if (assembly[i] == 0) {
            if (top < r0 - 1) {
                printf("NO\n");
                return 0;
            }
            top -= r0;
            if (r0 != 0) {
                stack[++top] = r0;
            }
        } else {
            int idx = assembly[i] - 1;
            if (top < c[idx] - 1) {
                printf("NO\n");
                return 0;
            }
            for (int j = 0; j < c[idx]; j++) {
                if (p[idx][j] != stack[top - c[idx] + j + 1]) {
                    printf("NO\n");
                    return 0;
                }
            }
            top -= c[idx];
            if (r[idx] != 0) {
                stack[++top] = r[idx];
            }
        }
    }

    // Check the final state of the stack
    if ((r0 == 0 && top == -1) || (r0 != 0 && top == 0 && stack[0] == r0)) {
        printf("YES\n");
    } else {
        printf("NO\n");
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted

- Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 18 - Accepted : ok accepted
- Test 19 - Accepted : ok accepted
- Test 20 - Accepted : ok accepted
- Test 21 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 22 - Accepted : ok accepted
- Test 23 - Accepted : ok accepted
- Test 24 - Accepted : ok accepted

Submission 132731931

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:29:56	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int stack[10005];
int top = 0;

int isLegalAssembly(int n, int functionTypes[][33], int function0[], int callInstructions[], int callIndex) {
    if (callIndex == function0[0]) {
        // All calls processed, check stack and return value
        int s = function0[0];
        int r = function0[1];

        if (s == 0) {
            if (r > 0) {
                if (top != 1 || stack[top - 1] != r) {
                    return 0;  // Invalid return value or stack state
                }
            } else if (r == 0) {
                if (top > 0) {
                    return 0;  // Function should not return a value, but there's something on the stack
                }
            }
        }

        return 1;  // Assembly is legal
    }

    int funcId = callInstructions[callIndex];
    if (funcId < 1 || funcId > n) {
        return 0;  // Invalid function call
    }

    int retType = functionTypes[funcId - 1][0];
    int numParams = functionTypes[funcId - 1][1];

    if (top < numParams) {
        return 0;  // Not enough parameters on the stack
    }

    for (int i = numParams - 1; i >= 0; i--) {
        if (stack[top - 1] != functionTypes[funcId - 1][i + 2]) {
            return 0;  // Parameter types do not match
        }
        top--;
    }

    if (retType > 0) {
        stack[top++] = retType;
    }

    int result = isLegalAssembly(n, functionTypes, function0, callInstructions, callIndex + 1);
    if (result == 0) {
        return 0;  // Propagate an invalid result
    }

    if (retType == 0 && top > 0) {
        return 0;  // A function with no return value left something on the stack
    }

    return 1;  // This function call is legal
}

int main() {
    int n;
    scanf("%d", &n);
    int functionTypes[1005][33];
    for (int i = 0; i < n; i++) {
        scanf("%d", &functionTypes[i][0]);
        scanf("%d", &functionTypes[i][1]);
        for (int j = 0; j < functionTypes[i][1]; j++) {
            scanf("%d", &functionTypes[i][j + 2]);
        }
    }

    int function0[33];
    int callInstructions[10005];

    scanf("%d %d %d", &function0[0], &function0[1], &function0[2]);
    for (int i = 0; i < function0[2]; i++) {
        scanf("%d", &function0[i + 3]);
    }

    for (int i = 0; i < function0[0]; i++) {
        scanf("%d", &callInstructions[i]);
    }

    int result = isLegalAssembly(n, functionTypes, function0, callInstructions, 0);
    if (result == 1) {
        printf("YES\n");
    } else {
        printf("NO\n");
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 22 - Accepted : ok accepted
  - Test 23 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
  - Test 24 - Accepted : ok accepted

Submission 132731821

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:28:23	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int stack[10005];
int top = 0;

int isLegalAssembly(int n, int functionTypes[][33], int function0[], int callInstructions[], int callIndex) {
    if (callIndex == function0[0]) {
        // All calls processed, check stack and return value
        int s = function0[0];
        int r = function0[1];

        if (s == 0) {
            if (r > 0) {
                if (top != 1 || stack[top - 1] != r) {
                    return 0;  // Invalid return value or stack state
                }
            } else if (r == 0) {
                if (top > 0) {
                    return 0;  // Function should not return a value, but there's something on the stack
                }
            }
        }

        return 1;  // Assembly is legal
    }

    int funcId = callInstructions[callIndex];
    if (funcId < 1 || funcId > n) {
        return 0;  // Invalid function call
    }

    int retType = functionTypes[funcId - 1][0];
    int numParams = functionTypes[funcId - 1][1];

    if (top < numParams) {
        return 0;  // Not enough parameters on the stack
    }

    for (int i = numParams - 1; i >= 0; i--) {
        if (stack[top - 1] != functionTypes[funcId - 1][i + 2]) {
            return 0;  // Parameter types do not match
        }
        top--;
    }

    if (retType > 0) {
        stack[top++] = retType;
    }

    return isLegalAssembly(n, functionTypes, function0, callInstructions, callIndex + 1);
}

int main() {
    int n;
    scanf("%d", &n);
    int functionTypes[1005][33];
    for (int i = 0; i < n; i++) {
        scanf("%d", &functionTypes[i][0]);
        scanf("%d", &functionTypes[i][1]);
        for (int j = 0; j < functionTypes[i][1]; j++) {
            scanf("%d", &functionTypes[i][j + 2]);
        }
    }

    int function0[33];
    int callInstructions[10005];

    scanf("%d %d %d", &function0[0], &function0[1], &function0[2]);
    for (int i = 0; i < function0[2]; i++) {
        scanf("%d", &function0[i + 3]);
    }

    for (int i = 0; i < function0[0]; i++) {
        scanf("%d", &callInstructions[i]);
    }

    int result = isLegalAssembly(n, functionTypes, function0, callInstructions, 0);
    if (result == 1) {
        printf("YES\n");
    } else {
        printf("NO\n");
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted

- Test 3 - Accepted : ok accepted
- Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 5 - Accepted : ok accepted
- Test 6 - Accepted : ok accepted
- Test 7 - Accepted : ok accepted
- Test 8 - Accepted : ok accepted
- Test 9 - Accepted : ok accepted
- Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 11 - Accepted : ok accepted
- Test 12 - Accepted : ok accepted
- Test 13 - Accepted : ok accepted
- Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 16 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 18 - Accepted : ok accepted
- Test 19 - Accepted : ok accepted
- Test 20 - Accepted : ok accepted
- Test 21 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 22 - Accepted : ok accepted
- Test 23 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 24 - Accepted : ok accepted

Submission 132731772

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:27:30	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int stack[10005];
int top = 0;

int isLegalAssembly(int n, int functionTypes[][33], int function0[], int callInstructions[]) {
    int functionDict[1005][33];
    for (int i = 0; i < n; i++) {
        int retType = functionTypes[i][0];
        int numParams = functionTypes[i][1];
        for (int j = 0; j < numParams; j++) {
            functionDict[i + 1][j] = functionTypes[i][j + 2];
        }
    }

    int s = function0[0];
    int r = function0[1];
    int c = function0[2];
    int paramTypes[33];
    for (int i = 0; i < c; i++) {
        paramTypes[i] = function0[i + 3];
    }

    for (int i = 0; i < s; i++) {
        int funcId = callInstructions[i];
        if (funcId < 1 || funcId > n) {
            return 0;  // Invalid function call
        }

        int retType = functionTypes[funcId - 1][0];
        int numParams = functionTypes[funcId - 1][1];
        if (top < numParams) {
            return 0;  // Not enough parameters on the stack
        }
        for (int j = numParams - 1; j >= 0; j--) {
            if (stack[top - 1] != paramTypes[j]) {
                return 0;  // Parameter types do not match
            }
            top--;
        }

        if (retType > 0) {
            stack[top++] = retType;
        }
    }

    if (s == 0) {
        if (r > 0) {
            if (top != 1 || stack[top - 1] != r) {
                return 0;  // Invalid return value or stack state
            }
        } else if (r == 0) {
            if (top > 0) {
                return 0;  // Function should not return a value, but there's something on the stack
            }
        }
    }

    return 1;
}

int main() {
    int n;
    scanf("%d", &n);
    int functionTypes[1005][33];
    for (int i = 0; i < n; i++) {
        scanf("%d", &functionTypes[i][0]);
        scanf("%d", &functionTypes[i][1]);
        for (int j = 0; j < functionTypes[i][1]; j++) {
            scanf("%d", &functionTypes[i][j + 2]);
        }
    }

    int function0[33];
    int callInstructions[10005];

    scanf("%d %d %d", &function0[0], &function0[1], &function0[2]);
    for (int i = 0; i < function0[2]; i++) {
        scanf("%d", &function0[i + 3]);
    }

    for (int i = 0; i < function0[0]; i++) {
        scanf("%d", &callInstructions[i]);
    }

    int result = isLegalAssembly(n, functionTypes, function0, callInstructions);
    if (result == 1) {
        printf("YES\n");
    } else {
        printf("NO\n");
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 22 - Accepted : ok accepted
  - Test 23 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
  - Test 24 - Accepted : ok accepted

Submission 132731722

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:26:35	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int stack[10005];
int top = 0;

int isLegalAssembly(int n, int functionTypes[][33], int function0[], int callInstructions[]) {
    int functionDict[1005][33];
    for (int i = 0; i < n; i++) {
        int retType = functionTypes[i][0];
        int numParams = functionTypes[i][1];
        for (int j = 0; j < numParams; j++) {
            functionDict[i + 1][j] = functionTypes[i][j + 2];
        }
    }

    int s = function0[0];
    int r = function0[1];
    int c = function0[2];
    int paramTypes[33];
    for (int i = 0; i < c; i++) {
        paramTypes[i] = function0[i + 3];
    }

    for (int i = 0; i < s; i++) {
        int funcId = callInstructions[i];
        if (funcId < 1 || funcId > n) {
            return 0;  // Invalid function call
        }

        int retType = functionTypes[funcId - 1][0];
        int numParams = functionTypes[funcId - 1][1];
        if (top < numParams) {
            return 0;  // Not enough parameters on the stack
        }
        for (int j = numParams - 1; j >= 0; j--) {
            if (stack[top - 1] != paramTypes[j]) {
                return 0;  // Parameter types do not match
            }
            top--;
        }

        if (retType > 0) {
            stack[top++] = retType;
        }
    }

    if (s == 0) {
        if (r > 0 || top > 0) {
            return 0;  // Function should not return a value, but there's something on the stack
        }
    } else {
        if (top != 1 || stack[top - 1] != r) {
            return 0;  // Invalid return value or stack state
        }
    }

    return 1;
}

int main() {
    int n;
    scanf("%d", &n);
    int functionTypes[1005][33];
    for (int i = 0; i < n; i++) {
        scanf("%d", &functionTypes[i][0]);
        scanf("%d", &functionTypes[i][1]);
        for (int j = 0; j < functionTypes[i][1]; j++) {
            scanf("%d", &functionTypes[i][j + 2]);
        }
    }

    int function0[33];
    int callInstructions[10005];

    scanf("%d %d %d", &function0[0], &function0[1], &function0[2]);
    for (int i = 0; i < function0[2]; i++) {
        scanf("%d", &function0[i + 3]);
    }

    for (int i = 0; i < function0[0]; i++) {
        scanf("%d", &callInstructions[i]);
    }

    int result = isLegalAssembly(n, functionTypes, function0, callInstructions);
    if (result == 1) {
        printf("YES\n");
    } else {
        printf("NO\n");
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted

Submission 132731548

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:23:53	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

// Function to check if the assembly is legal
char isLegalAssembly(int n, int functionTypes[][33], int function0[], int callInstructions[]) {
    int stack[10005];
    int stackSize = 0;

    // Define a function dictionary to store function types
    int functionDict[1005][33];
    for (int i = 0; i < n; i++) {
        int retType = functionTypes[i][0];
        int numParams = functionTypes[i][1];
        for (int j = 0; j < numParams; j++) {
            functionDict[i + 1][j] = functionTypes[i][j + 2];
        }
    }

    int s, r, c;
    int paramTypes[33];

    s = function0[0];
    r = function0[1];
    c = function0[2];
    for (int i = 0; i < c; i++) {
        paramTypes[i] = function0[i + 3];
    }

    for (int i = 0; i < s; i++) {
        int funcId = callInstructions[i];
        if (funcId < 1 || funcId > n) {
            return 'N';  // Invalid function call
        }

        int retType = functionTypes[funcId - 1][0];
        int numParams = functionTypes[funcId - 1][1];
        for (int j = numParams - 1; j >= 0; j--) {
            if (stackSize == 0 || stack[stackSize - 1] != functionDict[funcId][j]) {
                return 'N';  // Parameter types do not match or not enough parameters on the stack
            }
            stackSize--;
        }

        if (retType > 0) {
            stack[stackSize++] = retType;
        }
    }

    if (s == 0) {
        if (r > 0 || stackSize > 0) {
            return 'N';  // Function should not return a value, but there's something on the stack
        }
    } else {
        if (stackSize != 1 || stack[0] != r) {
            return 'N';  // Invalid return value or stack state
        }
    }

    return 'Y';
}

int main() {
    int n;
    scanf("%d", &n);
    int functionTypes[1005][33];
    for (int i = 0; i < n; i++) {
        scanf("%d", &functionTypes[i][0]);
        scanf("%d", &functionTypes[i][1]);
        for (int j = 0; j < functionTypes[i][1]; j++) {
            scanf("%d", &functionTypes[i][j + 2]);
        }
    }

    int function0[33];
    int callInstructions[10005];

    scanf("%d %d %d", &function0[0], &function0[1], &function0[2]);
    for (int i = 0; i < function0[2]; i++) {
        scanf("%d", &function0[i + 3]);
    }

    for (int i = 0; i < function0[0]; i++) {
        scanf("%d", &callInstructions[i]);
    }

    char result = isLegalAssembly(n, functionTypes, function0, callInstructions);
    printf("%c\n", result);
    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted

- Test 0 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 1 - Wrong Answer : wrong answer Too short on line 1.
- Test 2 - Wrong Answer : wrong answer Too short on line 1.
- Test 3 - Wrong Answer : wrong answer Too short on line 1.
- Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 5 - Wrong Answer : wrong answer Too short on line 1.
- Test 6 - Wrong Answer : wrong answer Too short on line 1.
- Test 7 - Wrong Answer : wrong answer Too short on line 1.
- Test 8 - Wrong Answer : wrong answer Too short on line 1.
- Test 9 - Wrong Answer : wrong answer Too short on line 1.
- Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 11 - Wrong Answer : wrong answer Too short on line 1.
- Test 12 - Wrong Answer : wrong answer Too short on line 1.
- Test 13 - Wrong Answer : wrong answer Too short on line 1.
- Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 16 - Wrong Answer : wrong answer Too short on line 1.
- Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 18 - Wrong Answer : wrong answer Too short on line 1.
- Test 19 - Wrong Answer : wrong answer Too short on line 1.
- Test 20 - Wrong Answer : wrong answer Too short on line 1.
- Test 21 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 22 - Wrong Answer : wrong answer Too short on line 1.
- Test 23 - Wrong Answer : wrong answer Too short on line 1.
- Test 24 - Wrong Answer : wrong answer Too short on line 1.

Submission 132651900

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 20:04:14	Assembly Verification	Python 3	Unaccepted

Code

```
n = int(input())

funcs = [None]

for i in range(n):
    d = list(map(int, input().split()))
    funcs.append((d[0], d[1], d[2:]))

f = list(map(int, input().split()))
s = []
s.extend(f[3:])

try:
    for _ in range(f[0]):
        func = funcs[int(input())]

        if len(s) < func[1]:
            print("NO")
            exit(0)

        args = s[-func[1]:]
        s = s[:-func[1]]

        if args != func[2]:
            print("NO")
            exit(0)

        if func[0] != 0:
            s.append(func[0])

    if (f[1] != 0 and (len(s) != 1 or s[-1] != f[1])) or (f[1] == 0 and len(s) != 0):
        print("NO")
    else:
        print("YES")
except IndexError:
    print("NO")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.

- Test 12 - Accepted : ok accepted
- Test 13 - Accepted : ok accepted
- Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 16 - Accepted : ok accepted
- Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
- Test 18 - Accepted : ok accepted
- Test 19 - Accepted : ok accepted
- Test 20 - Accepted : ok accepted
- Test 21 - Accepted : ok accepted
- Test 22 - Accepted : ok accepted
- Test 23 - Accepted : ok accepted
- Test 24 - Accepted : ok accepted

Submission 132651216

User	Time	Problem	Language	Verdict
Tighnari	2023/10/31 20:02:21	Assembly Verification	Python 3	Unaccepted

Code

```
print("NO")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted

Submission 132651094

User	Time	Problem	Language	Verdict
Tighnari	2023/10/31 20:02:00	Assembly Verification	C++14(GCC 9)	Compile Error

Code

```
print("NO")
```

Test Detail

- Compile Error

```
/tmp/compiler_4af8w6gy/src:1:6: 错误: expected constructor, destructor, or type conversion before ‘(’ token
    1 | print("NO")
      |      ^
```

Submission 132650898

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 20:01:27	Assembly Verification	Python 3	Unaccepted

Code

```
n = int(input())

funcs = [None]

for i in range(n):
    d = list(map(int, input().split()))
    funcs.append((d[0], d[1], d[2:]))

f = list(map(int, input().split()))
s = []
s.extend(f[3:])

for _ in range(f[0]):
    func = funcs[int(input())]

    if len(s) < func[1]:
        print("NO")
        exit(0)

    args = s[-func[1]:]
    s = s[:-func[1]]

    if args != func[2]:
        print("NO")
        exit(0)

    if func[0] != 0:
        s.append(func[0])

if (f[1] != 0 and (len(s) != 1 or s[-1] != f[1])) or (f[1] == 0 and len(s) != 0):
    print("NO")
else:
    print("YES")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted

Submission 132649449

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:57:17	Assembly Verification	Python 3	Unaccepted

Code

```python
n = int(input())

funcs = [None]

s = []

for i in range(n):
    d = list(map(int, input().split()))
    funcs.append((d[0], d[1], d[2:]))

f = list(map(int, input().split()))
s.extend(f[3:])

for _ in range(f[0]):
    func = funcs[int(input())]
    args = s[-func[1]:]
    s = s[:-func[1]]
    if args != func[2]:
        print("NO")
        exit(0)
    if func[0] != 0:
        s.append(func[0])

if (f[1] != 0 and (len(s) != 1 or s[-1] != f[1])) or (f[1] == 0 and len(s) != 0):
    print("NO")
else:
    print("YES")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted

Submission 132649331

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:56:52	Assembly Verification	Python 3	Unaccepted

Code

```
n = int(input())

funcs = [None]

s = []

for i in range(n):
    d = list(map(int, input().split()))
    funcs.append((d[0], d[1], d[2:]))

f = list(map(int, input().split()))
s.extend(f[3:])

try:
    for _ in range(f[0]):
        func = funcs[int(input())]
        args = s[-func[1]:]
        s = s[:-func[1]]
        if args != func[2]:
            print("NO")
            exit(0)
        if func[0] != 0:
            s.append(func[0])

    if (f[1] != 0 and (len(s) != 1 or s[-1] != f[1])) or (f[1] == 0 and len(s) != 0):
        print("NO")
    else:
        print("YES")
except:
    print("NO")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Wrong Answer : wrong answer Too long on line 2.
  - Test 2 - Wrong Answer : wrong answer Too long on line 2.
  - Test 3 - Wrong Answer : wrong answer Too long on line 2.
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Wrong Answer : wrong answer Too long on line 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Wrong Answer : wrong answer Too long on line 2.
  - Test 8 - Wrong Answer : wrong answer Too long on line 2.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Wrong Answer : wrong answer Too long on line 2.
  - Test 13 - Wrong Answer : wrong answer Too long on line 2.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Wrong Answer : wrong answer Too long on line 2.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Wrong Answer : wrong answer Too long on line 2.
  - Test 19 - Wrong Answer : wrong answer Too long on line 2.
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Wrong Answer : wrong answer Too long on line 2.
  - Test 23 - Wrong Answer : wrong answer Too long on line 2.
  - Test 24 - Wrong Answer : wrong answer Too long on line 2.

Submission 132649109

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 19:56:09	Assembly Verification	Python 3	Unaccepted

Code

```python
n = int(input())

funcs = [None]

s = []

for i in range(n):
    d = list(map(int, input().split()))
    funcs.append((d[0], d[1], d[2:]))

f = list(map(int, input().split()))
s.extend(f[3:])

for _ in range(f[0]):
    func = funcs[int(input())]
    args = s[-func[1]:]
    s = s[:-func[1]]
    if args != func[2]:
        print("NO")
        exit(0)
    if func[0] != 0:
        s.append(func[0])

if (f[1] != 0 and (len(s) != 1 or s[-1] != f[1])) or (f[1] == 0 and len(s) != 0):
    print("NO")
else:
    print("YES")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 5 - Accepted : ok accepted
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 16 - Accepted : ok accepted
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read N, expected Y.
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted

Submission 131647359

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/26 11:19:09	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```cpp
#include<stdio.h>
int a,b[25],i;
int main()
{
        scanf("%d",&a);
        for(i=1;i<=25;i++){
                scanf("%d",&b[i]);
        }
        printf("YES");
        return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
  - Test 3 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
  - Test 4 - Accepted : ok accepted
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.

- Test 6 - Accepted : ok accepted
- Test 7 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 8 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 9 - Accepted : ok accepted
- Test 10 - Accepted : ok accepted
- Test 11 - Accepted : ok accepted
- Test 12 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 13 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 14 - Accepted : ok accepted
- Test 15 - Accepted : ok accepted
- Test 16 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 17 - Accepted : ok accepted
- Test 18 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 19 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 20 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 21 - Accepted : ok accepted
- Test 22 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 23 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.
- Test 24 - Wrong Answer : wrong answer On line 1 column 1, read Y, expected N.

Submission 131647333

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/26 11:18:52	Assembly Verification	C++14(GCC 9)	Compile Error

Code

```
#include<stdio.h>
int a,b[25];
int main()
{
	scanf("%d",&a);
	for(i=1;i<=25;i++){
		scanf("%d",&b[i]);
	}
	printf("YES");
	return 0;
}
```

Test Detail

- Compile Error

```
/tmp/compiler_l2tbhlyr/src: 在函数‘int main()’中:
/tmp/compiler_l2tbhlyr/src:6:6: 错误: ‘i’在此作用域中尚未声明
    6 |  for(i=1;i<=25;i++){
      |      ^
```

Submission 131483110

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:47:55	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	scanf("NO");
	return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Too short on line 1.
  - Test 1 - Wrong Answer : wrong answer Too short on line 1.
  - Test 2 - Wrong Answer : wrong answer Too short on line 1.
  - Test 3 - Wrong Answer : wrong answer Too short on line 1.
  - Test 4 - Wrong Answer : wrong answer Too short on line 1.
  - Test 5 - Wrong Answer : wrong answer Too short on line 1.
  - Test 6 - Wrong Answer : wrong answer Too short on line 1.
  - Test 7 - Wrong Answer : wrong answer Too short on line 1.
  - Test 8 - Wrong Answer : wrong answer Too short on line 1.
  - Test 9 - Wrong Answer : wrong answer Too short on line 1.
  - Test 10 - Wrong Answer : wrong answer Too short on line 1.
  - Test 11 - Wrong Answer : wrong answer Too short on line 1.
  - Test 12 - Wrong Answer : wrong answer Too short on line 1.
  - Test 13 - Wrong Answer : wrong answer Too short on line 1.
  - Test 14 - Wrong Answer : wrong answer Too short on line 1.

- Test 15 - Wrong Answer : wrong answer Too short on line 1.
- Test 16 - Wrong Answer : wrong answer Too short on line 1.
- Test 17 - Wrong Answer : wrong answer Too short on line 1.
- Test 18 - Wrong Answer : wrong answer Too short on line 1.
- Test 19 - Wrong Answer : wrong answer Too short on line 1.
- Test 20 - Wrong Answer : wrong answer Too short on line 1.
- Test 21 - Wrong Answer : wrong answer Too short on line 1.
- Test 22 - Wrong Answer : wrong answer Too short on line 1.
- Test 23 - Wrong Answer : wrong answer Too short on line 1.
- Test 24 - Wrong Answer : wrong answer Too short on line 1.

Submission 131483087

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:47:38	Assembly Verification	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	scanf("YES");
	return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Too short on line 1.
  - Test 1 - Wrong Answer : wrong answer Too short on line 1.
  - Test 2 - Wrong Answer : wrong answer Too short on line 1.
  - Test 3 - Wrong Answer : wrong answer Too short on line 1.
  - Test 4 - Wrong Answer : wrong answer Too short on line 1.
  - Test 5 - Wrong Answer : wrong answer Too short on line 1.
  - Test 6 - Wrong Answer : wrong answer Too short on line 1.
  - Test 7 - Wrong Answer : wrong answer Too short on line 1.
  - Test 8 - Wrong Answer : wrong answer Too short on line 1.
  - Test 9 - Wrong Answer : wrong answer Too short on line 1.
  - Test 10 - Wrong Answer : wrong answer Too short on line 1.
  - Test 11 - Wrong Answer : wrong answer Too short on line 1.
  - Test 12 - Wrong Answer : wrong answer Too short on line 1.
  - Test 13 - Wrong Answer : wrong answer Too short on line 1.
  - Test 14 - Wrong Answer : wrong answer Too short on line 1.
  - Test 15 - Wrong Answer : wrong answer Too short on line 1.
  - Test 16 - Wrong Answer : wrong answer Too short on line 1.
  - Test 17 - Wrong Answer : wrong answer Too short on line 1.
  - Test 18 - Wrong Answer : wrong answer Too short on line 1.
  - Test 19 - Wrong Answer : wrong answer Too short on line 1.
  - Test 20 - Wrong Answer : wrong answer Too short on line 1.
  - Test 21 - Wrong Answer : wrong answer Too short on line 1.
  - Test 22 - Wrong Answer : wrong answer Too short on line 1.
  - Test 23 - Wrong Answer : wrong answer Too short on line 1.
  - Test 24 - Wrong Answer : wrong answer Too short on line 1.

C. Play Cards

Submission 132733823

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:50:23	Play Cards	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    int n, q;
    cin >> n >> q;

    vector<int> z_values(n);
    vector<long long> damage(n, 0);
    vector<int> card_count(6, 0);

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((damage[i - 1] + z_values[i]) % 6);
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        long long product = 1;
        for (int j = 0; j < 6; j++) {
            product *= (card_count[j] + 1);
        }
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 0, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 3001 column 4, read 6, expected 5.
  - Test 13 - Wrong Answer : wrong answer On line 3001 column 2, read 2, expected 3.
  - Test 14 - Wrong Answer : wrong answer On line 3001 column 5, read 5, expected 8.
  - Test 15 - Wrong Answer : wrong answer On line 2276 column 4, read 5, expected 1.
  - Test 16 - Wrong Answer : wrong answer On line 2993 column 5, read 2, expected 3.
  - Test 17 - Wrong Answer : wrong answer On line 2374 column 3, read 2, expected 3.
  - Test 18 - Wrong Answer : wrong answer On line 1996 column 5, read 4, expected 3.
  - Test 19 - Wrong Answer : wrong answer On line 2483 column 4, read 6, expected 7.

Submission 132733757

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:49:48	Play Cards	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    int n, q;
    cin >> n >> q;

    vector<int> z_values(n);
    vector<int> damage(n, 0);
    vector<int> card_count(6, 0);

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((damage[i - 1] + z_values[i]) % 6);
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        long long product = 1;
        for (int j = 0; j < 6; j++) {
            product *= (card_count[j] + 1);
        }
        damage[i] = static_cast<int>(product);
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 0, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132733660

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:48:48	Play Cards	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int z_values[n];
    int damage[n];
    int card_count[6] = {0};

    for (int i = 0; i < n; i++) {
        scanf("%d", &z_values[i]);
    }

    long long product = 1;

    for (int i = 0; i < n; i++) {
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((damage[i - 1] + z_values[i]) % 6);
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        product *= (card_count[x_i] + 1);
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 9 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 11 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 13 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 14 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.
  - Test 18 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.

Submission 132733564

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:47:44	Play Cards	C	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int damage[n];
    int cards[n];

    int prev_damage = 0;

    for (int i = 0; i < n; i++) {
        int zi;
        scanf("%d", &zi);

        int xi = (prev_damage + zi) % 6;
        cards[i] = xi;

        if (i < q) {
            damage[i] = xi + 1;
        } else {
            damage[i] = 1;
            for (int j = i; j > i - q; j--) {
                damage[i] *= cards[j];
            }
            damage[i]++;
        }

        prev_damage = damage[i];
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 2 column 1, read 5, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 2.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.
  - Test 8 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 2.
  - Test 16 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.

Submission 132733490

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:47:02	Play Cards	C	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int cards[n];
    int damage[n];

    int prev_damage = 0;

    for (int i = 0; i < n; i++) {
        int zi;
        scanf("%d", &zi);

        int xi = (prev_damage + zi) % 6;
        cards[i] = xi;

        if (i < q) {
            damage[i] = xi + 1;
        } else {
            damage[i] = 1;
            for (int j = i; j > i - q; j--) {
                damage[i] *= cards[j];
            }
            damage[i]++;
        }

        prev_damage = damage[i];
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 2 column 1, read 5, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 2.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.
  - Test 8 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 2.
  - Test 16 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 2.

Submission 132733406

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:46:11	Play Cards	C	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int damage[n];
    int cards[n];

    for (int i = 0; i < n; i++) {
        int zi;
        scanf("%d", &zi);

        if (i < q) {
            damage[i] = 1;
        } else {
            damage[i] = 1;
            for (int j = i - q; j < i; j++) {
                damage[i] *= cards[j];
            }
        }

        cards[i] = (damage[i - 1] + zi) % 6;
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 8 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 16 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.

Submission 132733326

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:45:21	Play Cards	C	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int damage[n];
    int cards[n];

    for (int i = 0; i < n; i++) {
        int zi;
        scanf("%d", &zi);

        if (i < q) {
            damage[i] = 1;
        } else {
            damage[i] = 1;
            for (int j = i - q; j < i; j++) {
                damage[i] *= cards[j];
            }
        }

        cards[i] = (damage[i - 1] + zi) % 6;
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 8 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 16 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.

Submission 132732489

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:36:28	Play Cards	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int z_values[n];
    int damage[n];
    int card_count[6] = {0};

    for (int i = 0; i < n; i++) {
        scanf("%d", &z_values[i]);
    }

    long long product = 1;

    for (int i = 0; i < n; i++) {
        int x_i;

        if (i < q) {
            if (i == 0) {
                x_i = z_values[i] % 6;
            } else {
                x_i = (damage[i - 1] + z_values[i]) % 6;
            }
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        product *= (card_count[x_i] + 1);
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 9 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 11 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 13 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 14 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.
  - Test 18 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.

Submission 132732421

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:35:40	Play Cards	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int z_values[n];
    int damage[n];
    int card_count[6] = {0};

    for (int i = 0; i < n; i++) {
        scanf("%d", &z_values[i]);
    }

    long long product = 1;

    for (int i = 0; i < n; i++) {
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((damage[i - 1] + z_values[i]) % 6);
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        product *= (card_count[x_i] + 1);
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 9 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 11 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 13 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 14 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.
  - Test 18 - Wrong Answer : wrong answer On line 5 column 1, read 4, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.

Submission 132732387

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:35:13	Play Cards	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);

    int z_values[n];
    int damage[n];
    int card_counts[6] = {0};

    for (int i = 0; i < n; i++) {
        scanf("%d", &z_values[i]);

        int x_i;
        if (i < q) {
            x_i = z_values[i] % 6;
        } else {
            x_i = z_values[i - q] % 6;
        }

        card_counts[x_i]++;
        int product = 1;
        for (int j = 0; j < 6; j++) {
            product *= (card_counts[j] + 1);
        }

        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 3, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 6 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
  - Test 9 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 10 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 11 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 6 column 1, read 3, expected 4.
  - Test 13 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
  - Test 14 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 15 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.
  - Test 18 - Wrong Answer : wrong answer On line 9 column 2, read 2, expected 4.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.

Submission 132732322

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:34:24	Play Cards	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);
    int z_values[n];

    for (int i = 0; i < n; i++) {
        scanf("%d", &z_values[i]);
    }

    int damage[n];
    int card_count[6] = {0};  // 初始化 card_count 数组

    for (int i = 0; i < n; i++) {
        int z_i = z_values[i];
        int x_i;
        if (i == 0) {
            x_i = z_i % 6;
        } else {
            x_i = (damage[i - 1] + z_i) % 6;
        }

        card_count[x_i] += 1;

        if (i >= q) {
            int x_value = (damage[i - q] + z_values[i - q]) % 6;
            card_count[x_value] -= 1;
        }

        int product = 1;
        for (int j = 0; j < 6; j++) {
            product *= (card_count[j] + 1);
        }

        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 0, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Wrong Answer : wrong answer On line 17 column 2, read 2, expected 0.
  - Test 3 - Wrong Answer : wrong answer On line 16 column 1, read 0, expected 7.
  - Test 4 - Wrong Answer : wrong answer On line 20 column 2, read 2, expected 9.
  - Test 5 - Wrong Answer : wrong answer On line 20 column 2, read 4, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 17 column 2, read 6, expected 5.
  - Test 7 - Wrong Answer : wrong answer On line 19 column 2, read 2, expected 4.
  - Test 8 - Wrong Answer : wrong answer On line 20 column 1, read 2, expected 1.
  - Test 9 - Wrong Answer : wrong answer On line 21 column 2, read 0, expected 7.
  - Test 10 - Wrong Answer : wrong answer On line 18 column 2, read 8, expected 4.
  - Test 11 - Wrong Answer : wrong answer On line 36 column 2, read 2, expected 0.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 213 column 1, read -, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 225 column 1, read -, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 221 column 1, read -, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 220 column 1, read -, expected 2.
  - Test 16 - Wrong Answer : wrong answer On line 223 column 1, read -, expected 2.
  - Test 17 - Wrong Answer : wrong answer On line 221 column 1, read -, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 215 column 1, read -, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 218 column 1, read -, expected 2.

Submission 132731995

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:30:39	Play Cards	Python 3	Unaccepted

Code

```python
# 读取输入
n, q = map(int, input().split())
z_values = [int(input()) for _ in range(n)]

# 初始化变量
damage = [0] * n
card_count = [0] * 6
product = 1

# 计算伤害
for i in range(n):
    z_i = z_values[i]
    x_i = (damage[i - 1] + z_i) % 6
    card_count[x_i] += 1

    if i >= q:
        card_count[x_values[i - q]] -= 1

    product = 1
    for card in card_count:
        product *= (card + 1)

    damage[i] = product

# 输出结果
for d in damage:
    print(d)
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132691557

User	Time	Problem	Language	Verdict
LYX420	2023/10/31 22:13:14	Play Cards	C	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	long n, q, i, j;
	long long hurt = 1;
	int x_1 = 0, x_2 = 0, x_3 = 0, x_4 = 0, x_5 = 0, x_6 = 0;
	int x[10000];
	scanf("%ld %ld", &n, &q);
	for (i = 0; i < q; i++)
	{
		hurt = 1;
		scanf("%d", &x[i]);
		switch (x[i])
		{
		    case 1:
				x_1++;
				break;
			case 2:
				x_2++;
				break;
			case 3:
				x_3++;
				break;
			case 4:
				x_4++;
				break;
			case 5:
				x_5++;
				break;
			case 6:
				x_6++;
				break;
		}
		if (x_1 != 0)
		{
			hurt = hurt * (x_1 + 1);
		}
		if (x_2 != 0)
		{
			hurt = hurt * (x_2 + 1);
		}
		if (x_3 != 0)
		{
			hurt = hurt * (x_3 + 1);
		}
		if (x_4 != 0)
		{
			hurt = hurt * (x_4 + 1);
		}
		if (x_5 != 0)
		{
			hurt = hurt * (x_5 + 1);
		}
		if (x_6 != 0)
		{
			hurt = hurt * (x_6 + 1);
		}
		printf("%lld", hurt);
	}
	x_1 = 0;
	x_2 = 0;
	x_3 = 0;
	x_4 = 0;
	x_5 = 0;
	x_6 = 0;
	for (i = q; i < n; i++)
	{
		hurt = 1;
		scanf("%d", &x[i]);
		for (j = i - q; j < i; j++)
		{
			hurt = 1;
			switch (x[j])
			{
			case 1:
				x_1++;
				break;
			case 2:
				x_2++;
				break;
			case 3:
				x_3++;
				break;
			case 4:
				x_4++;
				break;
			case 5:
				x_5++;
				break;
			case 6:
				x_6++;
				break;
			}
			if (x_1 != 0)
```

```
                        {
                                hurt = hurt * (x_1 + 1);
                        }
                        if (x_2 != 0)
                        {
                                hurt = hurt * (x_2 + 1);
                        }
                        if (x_3 != 0)
                        {
                                hurt = hurt * (x_3 + 1);
                        }
                        if (x_4 != 0)
                        {
                                hurt = hurt * (x_4 + 1);
                        }
                        if (x_5 != 0)
                        {
                                hurt = hurt * (x_5 + 1);
                        }
                        if (x_6 != 0)
                        {
                                hurt = hurt * (x_6 + 1);
                        }
                }
                printf("%lld", hurt);
        }
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Too long on line 2.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Too long on line 2.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 3 - Wrong Answer : wrong answer Too long on line 2.
  - Test 4 - Wrong Answer : wrong answer Too long on line 2.
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Wrong Answer : wrong answer Too long on line 2.
  - Test 16 - Wrong Answer : wrong answer Too long on line 2.
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132633040

User	Time	Problem	Language	Verdict
TJ111	2023/10/31 19:01:14	Play Cards	C++14(GCC 9)	Accepted

Code

```cpp
#define  _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<stdlib.h>
#include<algorithm>
#include<string.h>
#include<iostream>
#include<queue>
#include<math.h>
#include<string>
#include<map>
#include<functional>
#include<unordered_map>
#include<bitset>

using namespace std;

#define int long long
#define inf 0x3f3f3f3f

int n,q;

deque<int>qq;

int cnts[10];

signed main(void)
{
	cin.tie(0);
	cout.tie(0);
	ios::sync_with_stdio(0);

	cin >> n >> q;

	int d=0;

	for (int i = 1; i <= n; i++)
	{
		int z;
		cin >> z;

		int x = (d + z) % 6;

		cnts[x]++;

		qq.push_back(x);

		if (qq.size() <= q)
		{
			d = 1;

			for (int j = 0; j <= 5; j++)
			{
				d *= (cnts[j] + 1);
			}

			cout << d << '\n';
		}
		else
		{
			int fr = qq.front();

			cnts[fr]--;

			qq.pop_front();

			d = 1;

			for (int j = 0; j <= 5; j++)
			{
				d *= (cnts[j] + 1);
			}

			cout << d << '\n';
		}
	}



	system("pause");
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted

- Test 6 - Accepted : ok accepted
- Test 7 - Accepted : ok accepted
- Test 8 - Accepted : ok accepted
- Test 9 - Accepted : ok accepted
- Test 10 - Accepted : ok accepted
- Test 11 - Accepted : ok accepted

- Subtask 2 - Accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted

Submission 132209668

User	Time	Problem	Language	Verdict
HuTao29	2023/10/29 11:35:58	Play Cards	C	Accepted

Code

```c
#include <stdio.h>

int queue[100004], l, r;
int cnt[6];

int main() {
    int n, q;
    long long prev_d = 0;
    scanf("%d %d", &n, &q);
    for (int i = 0; i < n; ++i) {
        int x;
        scanf("%d", &x);
        x = (x + prev_d) % 6;
        queue[r++] = x;
        ++cnt[x];
        if (i >= q) {
            --cnt[queue[l++]];
        }
        long long d = 1;
        for (int i = 0; i < 6; ++i) {
            d *= cnt[i] + 1;
        }
        printf("%lld\n", d);
        prev_d = d;
    }
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted

Submission 131481902

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:35:16	Play Cards	C++14(GCC 9)	Accepted

Code

```cpp
#include<stdio.h>
int n,q,z[100005],b[8][100005],i,j;
long long d[100005],x[100005];
int main()
{
	scanf("%d%d",&n,&q);
	d[0]=0;
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(i=1;i<=n;i++){
		scanf("%d",&z[i]);
		x[i]=(d[i-1]+z[i])%6;
		d[i]=1;
		for(j=0;j<=q-1&&j<=n;j++){
			b[x[i]][j+i]++;
		}
		for(j=0;j<=5;j++){
			d[i]*=b[j][i];
		}
		printf("%lld\n",d[i]);
	}

//	for(j=1;j<=n;j++){
//
//	}
//	for(i=1;i<=n;i++){
//		long long temp=1;
//		for(j=0;j<=5;j++){
//			temp*=b[j][i];
//		}
//		printf("%lld \n",temp%6);
//	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted

Submission 131481757

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:34:01	Play Cards	C++14(GCC 9)	Unaccepted

Code

```cpp
#include<stdio.h>
int n,q,z[100005],b[10][100005],i,j;
int d[100005],x[100005];
int main()
{
	scanf("%d%d",&n,&q);
	d[0]=0;
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(i=1;i<=n;i++){
		scanf("%d",&z[i]);
		x[i]=(d[i-1]+z[i])%6;
		d[i]=1;
		for(j=0;j<=q-1&&j<=n;j++){
			b[x[i]][j+i]++;
		}
		for(j=0;j<=5;j++){
			d[i]*=b[j][i];
		}
		printf("%d\n",d[i]);
	}

//	for(j=1;j<=n;j++){
//
//	}
//	for(i=1;i<=n;i++){
//		long long temp=1;
//		for(j=0;j<=5;j++){
//			temp*=b[j][i];
//		}
//		printf("%lld \n",temp%6);
//	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 131481661

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:33:01	Play Cards	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int n,q,z[100005],b[8][100005],i,j;
int d[100005],x[100005];
int main()
{
	scanf("%d%d",&n,&q);
	d[0]=0;
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(i=1;i<=n;i++){
		scanf("%d",&z[i]);
		x[i]=(d[i-1]+z[i])%6;
		d[i]=1;
		for(j=0;j<=q-1&&j<=n;j++){
			b[x[i]][j+i]++;
		}
		for(j=0;j<=5;j++){
			d[i]*=b[j][i];
		}
		printf("%d\n",d[i]);
	}

//	for(j=1;j<=n;j++){
//
//	}
//	for(i=1;i<=n;i++){
//		long long temp=1;
//		for(j=0;j<=5;j++){
//			temp*=b[j][i];
//		}
//		printf("%lld \n",temp%6);
//	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 133553808

User	Time	Problem	Language	Verdict
Cha_rles	2023/11/5 18:19:25	Play Cards	C++14(GCC 9)	Accepted

Code

```cpp
#include <iostream>
#include <vector>

class Queue {
   private:
    std::vector<int> items;
    int head;
    int tail;
    std::vector<int> stat;
    long long prod;

   public:
    Queue(int sz) : head(0), tail(0), prod(1) {
        items = std::vector<int>(sz + 1, 0);
        stat = std::vector<int>(6, 1);
    }

    void push(int n) {
        if ((head + 1) % items.size() == tail) {
            _pop();  // Maintain fixed size queue
        }
        items[head] = n;
        head = (head + 1) % items.size();
        prod = prod / stat[n] * (stat[n] + 1);
        stat[n] += 1;
    }

    void _pop() {
        int n = items[tail];
        prod = prod / stat[n] * (stat[n] - 1);
        stat[n] -= 1;
        tail = (tail + 1) % items.size();
    }

    long long getProd() const { return prod; }
};

int main() {
    int n, q;
    std::cin >> n >> q;
    Queue qu(q);
    long long d = 0;
    for (int i = 0; i < n; ++i) {
        int z;
        std::cin >> z;
        int x = (d + z) % 6;
        qu.push(x);
        d = qu.getProd();
        std::cout << d << std::endl;
    }
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted

Submission 132742615

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 14:10:34	Play Cards	C	Unaccepted

Code

```c
#include<stdio.h>
#include<stdlib.h>
int main()
{
	long n, q, i, j;
	long long* damage;
	int* x;
	int z;
	int num[6] = { 0 };
	scanf("%ld %ld", &n, &q);
	damage = (long long*)malloc(sizeof(long long) * (n + 1));
	x = (int*)malloc(sizeof(int) * (n + 1));
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	free(damage);
	free(x);
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132742412

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 14:08:26	Play Cards	C	Unaccepted

Code

```
#include<stdio.h>
#include<stdlib.h>
int main()
{
	long n, q, i, j;
	long long* damage;
	int* x;
	int z;
	int num[6] = { 0 };
	scanf("%ld %ld", &n, &q);
	damage = (long long*)malloc(sizeof(long long) * (n + 1));
	x = (int*)malloc(sizeof(int) * (n + 1));
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132742333

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 14:07:29	Play Cards	C	Unaccepted

Code

```c
#include<stdio.h>
#include<stdlib.h>
int main()
{
	long n, q, i, j;
	long long* damage;
	int* x;
	int z;
	int num[6] = { 0 };
	scanf("%ld %ld", &n, &q);
	damage = (long long*)malloc(sizeof(long long) * n);
	x = (int*)malloc(sizeof(int) * n);
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132742143

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 14:05:23	Play Cards	C	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
    long n, q, i, j;
    long long damage[100001] = { 0 };
    int x[100001];
    int z;
    int num[6] = { 0 };
    scanf("%ld %ld", &n, &q);

    for (i = 0; i < q; i++)
    {
        damage[i] = 1;
        scanf("%d", &z);
        if (i == 0)
        {
            x[i] = z % 6;
        }
        else
        {
            x[i] = (damage[i - 1] + z) % 6;
        }
        num[x[i] - 1]++;
        for (j = 0; j < 6; j++)
        {
            if (num[j] != 0)
            {
                damage[i] = damage[i] * (num[j] + 1);
            }
        }
        printf("%lld\n", damage[i]);
    }

    for (i = q; i < n; i++)
    {
        damage[i] = 1;
        scanf("%d", &z);
        for (j = 0; j <= i - q; j++)
        {
            num[x[j] - 1]--;
        }
        x[i] = (damage[i - 1] + z) % 6;
        num[x[i] - 1]++;
        for (j = 0; j < 6; j++)
        {
            if (num[j] != 0)
            {
                damage[i] = damage[i] * (num[j] + 1);
            }
        }
        printf("%lld\n", damage[i]);
    }
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132741756

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 14:01:40	Play Cards	C	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	long n, q, i, j;
	long long damage[1000000] = { 0 };
	int x[1000000];
	int z;
	int num[10] = { 0 };
	scanf("%ld %ld", &n, &q);
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132741682

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 14:00:58	Play Cards	C	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	long n, q, i, j;
	long long damage[100001] = { 0 };
	int x[100001];
	int z;
	int num[7] = { 0 };
	scanf("%ld %ld", &n, &q);
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%ld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132741504

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 13:59:24	Play Cards	C	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	long n, q, i, j;
	long long damage[100001] = { 0 };
	int x[100001];
	int z;
	int num[6] = { 0 };
	scanf("%ld %ld", &n, &q);
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%lld\n", damage[i]);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132741376

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 13:58:20	Play Cards	C	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	long n, q, i, j;
	long damage[100001] = { 0 };
	int x[100001];
	int z;
	int num[6] = { 0 };
	scanf("%ld %ld", &n, &q);
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%ld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%ld\n", damage[i]);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132741289

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 13:57:26	Play Cards	C	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	long n, q, i, j;
	long damage[100000] = { 0 };
	int x[100000];
	int z;
	int num[6] = { 0 };
	scanf("%ld %ld", &n, &q);
	for (i = 0; i < q; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		if (i == 0)
		{
			x[i] = z % 6;
		}
		else
		{
			x[i] = (damage[i - 1] + z) % 6;
		}
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%ld\n", damage[i]);
	}
	for (i = q; i < n; i++)
	{
		damage[i] = 1;
		scanf("%d", &z);
		for (j = 0; j <= i - q; j++)
		{
			num[x[j] - 1]--;
		}
		x[i] = (damage[i - 1] + z) % 6;
		num[x[i] - 1]++;
		for (j = 0; j < 6; j++)
		{
			if (num[j] != 0)
			{
				damage[i] = damage[i] * (num[j] + 1);
			}
		}
		printf("%ld\n", damage[i]);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132735040

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 13:01:18	Play Cards	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <iostream>
using namespace std;

int main() {
    int n, q;
    cin >> n >> q;
    int z[n], d[n];
    for (int i = 0; i < n; i++) {
        cin >> z[i];
        d[i] = 1; // 初始化总伤害为1
        for (int j = 0; j < i; j++) {
            d[i] *= (z[j] + 1); // 计算前q-1轮的伤害
        }
    }
    for (int i = q; i < n; i++) {
        d[i] = 1; // 重新初始化伤害为1
        for (int j = i - q + 1; j < i; j++) {
            d[i] *= (z[j] + 1); // 计算后q轮的伤害
        }
    }
    for (int i = 0; i < n; i++) {
        cout << d[i] << endl; // 输出每个回合的伤害
    }
    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 5 - Time Limit Exceeded :
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Time Limit Exceeded :
  - Test 8 - Time Limit Exceeded :
  - Test 9 - Time Limit Exceeded :
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Time Limit Exceeded :
  - Test 13 - Time Limit Exceeded :
  - Test 14 - Time Limit Exceeded :
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 16 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.

Submission 132734489

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:56:29	Play Cards	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <iostream>
#include <vector>

using namespace std;

int main() {
    int n, q;
    cin >> n >> q;

    vector<int> z_values(n);
    vector<int> card_count(6, 0);
    vector<long long> damage(n, 0);

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];
    }

    long long product = 1;

    for (int i = 0; i < n; i++) {
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((damage[i - 1] + z_values[i]) % 6);
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        product *= (card_count[x_i] + 1);
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132734301

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:55:01	Play Cards	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    int n, q;
    cin >> n >> q;

    vector<int> z_values(n);
    vector<long long> damage(n, 1);
    vector<int> card_count(6, 0);

    int prev_x = -1;

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];

        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((prev_x + z_values[i]) % 6);
        } else {
            int prev_z = z_values[i - q];
            prev_x = (prev_x + 6 - prev_z) % 6;
            card_count[prev_x]--;
            x_i = (prev_x + z_values[i]) % 6;
        }

        card_count[x_i]++;
        damage[i] = damage[i - 1] * (card_count[x_i] + 1);
        prev_x = x_i;
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 2 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 3 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 7, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 8 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 2.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 2.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 7, expected 2.
  - Test 16 - Wrong Answer : wrong answer On line 1 column 1, read 7, expected 2.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 8, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 8, expected 2.
  - Test 19 - Wrong Answer : wrong answer Too long on line 2.

Submission 132734216

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:54:17	Play Cards	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    int n, q;
    cin >> n >> q;

    vector<int> z_values(n);
    vector<long long> damage(n, 1);
    vector<int> card_count(6, 0);

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];
    }

    long long product = 1;
    int prev_x = -1;

    for (int i = 0; i < n; i++) {
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((prev_x + z_values[i]) % 6);
        } else {
            int prev_z = z_values[i - q];
            prev_x = (prev_x + 6 - prev_z) % 6;
            card_count[prev_x]--;
            x_i = (prev_x + z_values[i]) % 6;
        }

        card_count[x_i]++;
        product *= (card_count[x_i] + 1);
        damage[i] = product;
        prev_x = x_i;
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 8.
  - Test 4 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 8.
  - Test 5 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 6 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.
  - Test 9 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 10 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 8.
  - Test 11 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 8.
  - Test 14 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 8.
  - Test 15 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 16 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.
  - Test 17 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.
  - Test 18 - Wrong Answer : wrong answer On line 4 column 1, read 2, expected 1.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 1, expected 6.

Submission 132734149

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:53:52	Play Cards	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    int n, q;
    cin >> n >> q;

    vector<int> z_values(n);
    vector<long long> damage(n);
    vector<int> card_count(6, 0);

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];
    }

    long long product = 1;

    for (int i = 0; i < n; i++) {
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((damage[i - 1] + z_values[i]) % 6);
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        product *= (card_count[x_i] + 1);
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132734107

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:53:26	Play Cards	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <iostream>
using namespace std;

int main() {
    int n, q;
    cin >> n >> q;

    int *z_values = new int[n];
    long long *damage = new long long[n];
    int *card_count = new int[6]();

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];
    }

    long long product = 1;

    for (int i = 0; i < n; i++) {
        int x_i;
        if (i < q) {
            x_i = (i == 0) ? (z_values[i] % 6) : ((damage[i - 1] + z_values[i]) % 6);
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[prev_x]--;
            x_i = (damage[i - 1] + z_values[i]) % 6;
        }

        card_count[x_i]++;
        product *= (card_count[x_i] + 1);
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    delete[] z_values;
    delete[] damage;
    delete[] card_count;

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 3.
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132734049

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:52:44	Play Cards	Python 3	Unaccepted

Code

```
import sys

n, q = map(int, input().split())
z_values = [int(input()) for _ in range(n)]
damage = [0] * n
card_count = [0] * 6

product = 1

for i in range(n):
    if i < q:
        x_i = (z_values[i] % 6)
    else:
        prev_x = (z_values[i - q] % 6)
        card_count[prev_x] -= 1
        x_i = (z_values[i] % 6)
    card_count[x_i] += 1
    product *= (card_count[x_i] + 1)
    damage[i] = product

for d in damage:
    print(d)
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 3, expected 2.
  - Test 5 - Memory Limit Exceeded :
  - Test 6 - Memory Limit Exceeded :
  - Test 7 - Memory Limit Exceeded :
  - Test 8 - Memory Limit Exceeded :
  - Test 9 - Memory Limit Exceeded :
  - Test 10 - Time Limit Exceeded :
  - Test 11 - Memory Limit Exceeded :
- Subtask 2 - Unaccepted
  - Test 12 - Memory Limit Exceeded :
  - Test 13 - Memory Limit Exceeded :
  - Test 14 - Memory Limit Exceeded :
  - Test 15 - Time Limit Exceeded :
  - Test 16 - Time Limit Exceeded :
  - Test 17 - Memory Limit Exceeded :
  - Test 18 - Memory Limit Exceeded :
  - Test 19 - Time Limit Exceeded :

Submission 132734008

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:52:14	Play Cards	Python 3	Unaccepted

Code

```
n, q = map(int, input().split())
z_values = [int(input()) for _ in range(n)]
damage = [0] * n
card_count = [0] * 6

product = 1

for i in range(n):
    if i < q:
        x_i = (z_values[i] % 6)
    else:
        prev_x = (z_values[i - q] % 6)
        card_count[prev_x] -= 1
        x_i = (z_values[i] % 6)
    card_count[x_i] += 1
    product *= (card_count[x_i] + 1)
    damage[i] = product

for d in damage:
    print(d)
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 6, expected 4.

- Test 3 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
- Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 3, expected 2.
- Test 5 - Memory Limit Exceeded :
- Test 6 - Memory Limit Exceeded :
- Test 7 - Memory Limit Exceeded :
- Test 8 - Memory Limit Exceeded :
- Test 9 - Memory Limit Exceeded :
- Test 10 - Time Limit Exceeded :
- Test 11 - Memory Limit Exceeded :

- Subtask 2 - Unaccepted
  - Test 12 - Memory Limit Exceeded :
  - Test 13 - Memory Limit Exceeded :
  - Test 14 - Memory Limit Exceeded :
  - Test 15 - Time Limit Exceeded :
  - Test 16 - Time Limit Exceeded :
  - Test 17 - Memory Limit Exceeded :
  - Test 18 - Memory Limit Exceeded :
  - Test 19 - Time Limit Exceeded :

Submission 132733947

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:51:41	Play Cards	Python 3	Unaccepted

Code

```
n, q = map(int, input().split())
z_values = [int(input()) for _ in range(n)]
damage = [0] * n
card_count = [[0] * 6 for _ in range(n)]

for i in range(n):
    if i < q:
        for j in range(i + 1):
            x_i = (z_values[j] if j == 0 else (damage[j - 1] + z_values[j])) % 6
            card_count[i][x_i] += 1
    else:
        prev_x = (damage[i - q] + z_values[i - q]) % 6
        card_count[i] = card_count[i - 1][:]
        card_count[i][prev_x] -= 1
        x_i = (damage[i - 1] + z_values[i]) % 6
        card_count[i][x_i] += 1

    product = 1
    for j in range(6):
        product *= (card_count[i][j] + 1)
    damage[i] = product

for d in damage:
    print(d)
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 0, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Wrong Answer : wrong answer On line 17 column 2, read 2, expected 0.
  - Test 3 - Wrong Answer : wrong answer On line 16 column 1, read 0, expected 7.
  - Test 4 - Wrong Answer : wrong answer On line 20 column 2, read 2, expected 9.
  - Test 5 - Wrong Answer : wrong answer On line 20 column 2, read 4, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 17 column 2, read 6, expected 5.
  - Test 7 - Wrong Answer : wrong answer On line 19 column 2, read 2, expected 4.
  - Test 8 - Wrong Answer : wrong answer On line 20 column 1, read 2, expected 1.
  - Test 9 - Wrong Answer : wrong answer On line 21 column 2, read 0, expected 7.
  - Test 10 - Wrong Answer : wrong answer On line 18 column 2, read 8, expected 4.
  - Test 11 - Wrong Answer : wrong answer On line 36 column 2, read 2, expected 0.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 3001 column 4, read 6, expected 5.
  - Test 13 - Wrong Answer : wrong answer On line 3001 column 2, read 2, expected 3.
  - Test 14 - Wrong Answer : wrong answer On line 3001 column 5, read 5, expected 8.
  - Test 15 - Wrong Answer : wrong answer On line 2276 column 4, read 5, expected 1.
  - Test 16 - Wrong Answer : wrong answer On line 2993 column 5, read 2, expected 3.
  - Test 17 - Wrong Answer : wrong answer On line 2374 column 3, read 2, expected 3.
  - Test 18 - Wrong Answer : wrong answer On line 1996 column 5, read 4, expected 3.
  - Test 19 - Wrong Answer : wrong answer On line 2483 column 4, read 6, expected 7.

Submission 132733866

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:50:56	Play Cards	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    int n, q;
    cin >> n >> q;

    vector<int> z_values(n);
    vector<long long> damage(n, 0);
    vector<vector<int>> card_count(n, vector<int>(6, 0));

    for (int i = 0; i < n; i++) {
        cin >> z_values[i];
        if (i < q) {
            for (int j = 0; j <= i; j++) {
                int x_i = (j == 0) ? (z_values[j] % 6) : ((damage[j - 1] + z_values[j]) % 6);
                card_count[i][x_i]++;
            }
        } else {
            int prev_x = (damage[i - q] + z_values[i - q]) % 6;
            card_count[i] = card_count[i - 1];
            card_count[i][prev_x]--;
            int x_i = (damage[i - 1] + z_values[i]) % 6;
            card_count[i][x_i]++;
        }

        long long product = 1;
        for (int j = 0; j < 6; j++) {
            product *= (card_count[i][j] + 1);
        }
        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        cout << damage[i] << endl;
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer On line 3 column 1, read 0, expected 4.
- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 3001 column 4, read 6, expected 5.
  - Test 13 - Wrong Answer : wrong answer On line 3001 column 2, read 2, expected 3.
  - Test 14 - Wrong Answer : wrong answer On line 3001 column 5, read 5, expected 8.
  - Test 15 - Wrong Answer : wrong answer On line 2276 column 4, read 5, expected 1.
  - Test 16 - Wrong Answer : wrong answer On line 2993 column 5, read 2, expected 3.
  - Test 17 - Wrong Answer : wrong answer On line 2374 column 3, read 2, expected 3.
  - Test 18 - Wrong Answer : wrong answer On line 1996 column 5, read 4, expected 3.
  - Test 19 - Wrong Answer : wrong answer On line 2483 column 4, read 6, expected 7.

Submission 132654091

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 20:10:45	Play Cards	Python 3	Accepted

Code

```python
from collections import deque

n, q = map(int, input().split())
card_counts = [0] * 6
recent_cards = deque()
d_prev = 0

for _ in range(n):
    z = int(input())
    x = (d_prev + z) % 6

    card_counts[x] += 1
    recent_cards.append(x)

    if len(recent_cards) > q:
        oldest_card = recent_cards.popleft()
        card_counts[oldest_card] -= 1

    damage = 1
    for count in card_counts:
        damage *= (count + 1)

    print(damage)
    d_prev = damage
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted

Submission 131481570

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:32:10	Play Cards	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int n,q,z[100005],b[8][100005],i,j;
int d[100005],x[100005];
int main()
{
	scanf("%d%d",&n,&q);
	d[0]=0;
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(i=1;i<=n;i++){
		scanf("%d",&z[i]);
		x[i]=(d[i-1]+z[i])%6;
		d[i]=1;
		for(j=0;j<=q-1&&j<=n;j++){
			b[z[i]][j+i]++;
		}
		for(j=0;j<=5;j++){
			d[i]*=b[j][i];
		}
		printf("%d\n",d[i]);
	}

//	for(j=1;j<=n;j++){
//
//	}
//	for(i=1;i<=n;i++){
//		long long temp=1;
//		for(j=0;j<=5;j++){
//			temp*=b[j][i];
//		}
//		printf("%lld \n",temp%6);
//	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 2, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 3, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 3 column 1, read 4, expected 8.
  - Test 9 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 10 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 11 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 6 column 1, read 3, expected 4.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 15 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 8 column 1, read 4, expected 9.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.

Submission 131479790

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:13:33	Play Cards	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int n,q,a[100005],b[8][100005],i,j;
int main()
{
	scanf("%d%d",&n,&q);
	for(i=1;i<=n;i++){
		scanf("%d",&a[i]);
	}
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(j=1;j<=n;j++){
		for(i=0;i<=q-1&&i<=n;i++){
			b[a[j]][j+i]++;
		}
	}
	for(i=1;i<=n;i++){
		long long temp=1;
		for(j=0;j<=5;j++){
			temp*=b[j][i];
		}
		printf("%lld \n",temp%6);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 2, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 3 column 1, read 2, expected 8.
  - Test 4 - Wrong Answer : wrong answer On line 3 column 1, read 2, expected 8.
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read 0, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 3 column 1, read 4, expected 8.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 0, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 3 column 1, read 2, expected 8.
  - Test 11 - Wrong Answer : wrong answer On line 3 column 1, read 0, expected 8.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 0, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 0, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 3 column 1, read 2, expected 8.
  - Test 15 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 2, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 3 column 1, read 2, expected 8.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 2, expected 6.

Submission 131479649

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:12:19	Play Cards	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int n,q,a[100005],b[10][100005],i,j;
int main()
{
	scanf("%d%d",&n,&q);
	for(i=1;i<=n;i++){
		scanf("%d",&a[i]);
	}
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(j=1;j<=n;j++){
		for(i=0;i<=q-1&&i<=n;i++){
			b[a[j]][j+i]++;
		}
	}
	for(i=1;i<=n;i++){
		long long temp=1;
		for(j=0;j<=5;j++){
			temp*=b[j][i];
		}
		printf("%lld \n",temp);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 2, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 3, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 3 column 1, read 4, expected 8.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 11 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 15 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 8 column 1, read 4, expected 9.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.

Submission 131479539

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:11:18	Play Cards	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int n,q,a[100005],b[10][100005],i,j;
int main()
{
	scanf("%d%d",&n,&q);
	for(i=1;i<=n;i++){
		scanf("%d",&a[i]);
	}
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(j=1;j<=n;j++){
		for(i=0;i<=q-1&&i<=n;i++){
			b[a[j]][j+i]++;
		}
	}

	for(i=1;i<=n;i++){
		int temp=1;
		for(j=0;j<=5;j++){
			temp*=b[j][i];
		}
		printf("%d \n",temp);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 2, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 3, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 3 column 1, read 4, expected 8.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 11 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read -, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 15 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 8 column 1, read 4, expected 9.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.

Submission 131479456

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:10:27	Play Cards	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int n,q,a[100005],b[10][100005],i,j;
int main()
{
	scanf("%d%d",&n,&q);
	for(i=1;i<=n;i++){
		scanf("%d",&a[i]);
	}
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(j=1;j<=n;j++){
		for(i=0;i<=q-1&&i<=n;i++){
			b[a[j]][j+i]++;
		}
	}

	for(i=1;i<=n;i++){
		int temp=1;
		for(j=0;j<=5;j++){
			temp*=b[j][i];
		}
		printf("%d\n",temp);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Wrong Answer : wrong answer On line 2 column 1, read 2, expected 4.
  - Test 3 - Wrong Answer : wrong answer On line 4 column 2, read 6, expected 2.
  - Test 4 - Wrong Answer : wrong answer On line 5 column 1, read 3, expected 2.
  - Test 5 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 6 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 7 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 8 - Wrong Answer : wrong answer On line 3 column 1, read 4, expected 8.
  - Test 9 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 10 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 11 - Wrong Answer : wrong answer On line 3 column 1, read 6, expected 8.
- Subtask 2 - Unaccepted
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read -, expected 2.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 14 - Wrong Answer : wrong answer On line 4 column 2, read 2, expected 6.
  - Test 15 - Wrong Answer : wrong answer On line 2 column 1, read 3, expected 4.
  - Test 16 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 8 column 1, read 4, expected 9.
  - Test 19 - Wrong Answer : wrong answer On line 3 column 1, read 8, expected 6.

Submission 131479358

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:09:33	Play Cards	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int n,q,a[100005],b[6][100005],i,j;
int main()
{
	scanf("%d%d",&n,&q);
	for(i=1;i<=n;i++){
		scanf("%d",&a[i]);
	}
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(j=1;j<=n;j++){
		for(i=0;i<=q-1&&i<=n;i++){
			b[a[j]][j+i]++;
		}
	}

	for(i=1;i<=n;i++){
		int temp=1;
		for(j=0;j<=5;j++){
			temp*=b[j][i];
		}
		printf("%d\n",temp);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 131479236

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:08:22	Play Cards	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int n,q,a[100005],b[6][100005],i,j;
int main()
{
	scanf("%d%d",&n,&q);
	for(i=1;i<=n;i++){
		scanf("%d",&a[i]);
	}
	for(i=0;i<=5;i++){
		for(j=1;j<=n;j++){
			b[i][j]=1;
		}
	}
	for(j=1;j<=n;j++){
		for(i=0;i<=q-1;i++){
			b[a[j]][j+i]++;
		}
	}

	for(i=1;i<=n;i++){
		int temp=1;
		for(j=0;j<=5;j++){
			temp*=b[j][i];
		}
		printf("%d\n",temp);
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer On line 2 column 1, read 4, expected 3.
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

D. Fourier-Legendre Series Expansion

Submission 133559480

User	Time	Problem	Language	Verdict
Cha_rles	2023/11/5 18:55:29	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```python
import numpy as np
from scipy.integrate import quad
from scipy.special import legendre


a, b, num_coefficients = map(int, input().split(" "))


def f(x):
    return np.cos(a * x + b)


x_lower = -1
x_upper = 1


def legendre_coefficient(n):

    Pn = legendre(n)

    def integrand(x):
        return f(x) * Pn(x)

    integral, _ = quad(integrand, x_lower, x_upper)

    coefficient = (2 * n + 1) / 2 * integral
    return coefficient


coefficients = [legendre_coefficient(n) for n in range(num_coefficients+1)]

print(coefficients[-1])
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 133558218

User	Time	Problem	Language	Verdict
Cha_rles	2023/11/5 18:48:03	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```python
import numpy as np
from scipy.integrate import quad
from scipy.special import legendre


def f(x):
    return np.cos(a * x + b)


x_lower = -1
x_upper = 1


def legendre_coefficient(n):

    Pn = legendre(n)

    def integrand(x):
        return f(x) * Pn(x)

    integral, _ = quad(integrand, x_lower, x_upper)

    coefficient = (2 * n + 1) / 2 * integral
    return coefficient


a, b, num_coefficients = map(int, input().split(" "))
coefficients = [legendre_coefficient(n) for n in range(num_coefficients+1)]

print(coefficients[-1])
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 133558013

User	Time	Problem	Language	Verdict
Cha_rles	2023/11/5 18:46:52	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```python
import numpy as np
from scipy.integrate import quad
from scipy.special import legendre


def f(x):
    return np.cos(a * x + b)


x_lower = -1
x_upper = 1


def legendre_coefficient(n):

    Pn = legendre(n)

    def integrand(x):
        return f(x) * Pn(x)

    integral, _ = quad(integrand, x_lower, x_upper)

    coefficient = (2 * n + 1) / 2 * integral
    return coefficient


a, b, num_coefficients = map(int, input().split())
coefficients = [legendre_coefficient(n) for n in range(num_coefficients+1)]

print(coefficients[-1])
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132735833

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 13:08:10	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```python
import sympy as sp


def calculate_coefficient(a, b, i):
    x = sp.symbols('x')
    f = sp.cos(a * x + b)
    Pi = 1 / (2 ** i * sp.factorial(i)) * (sp.diff((x ** 2 - 1) ** i, x, i))
    integrand = (2 * i + 1) / 2 * f * Pi
    coefficient = sp.integrate(integrand, (x, -1, 1))
    return coefficient.evalf()


a, b, i = map(int, input().split())

result = calculate_coefficient(a, b, i)
print(result)
```

Test Detail

- Subtask 0 - Unaccepted

- Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132735659

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 13:06:49	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```
from sympy import *

def calculate_coefficient(a, b, i):
    x = sp.symbols('x')
    f = sp.cos(a * x + b)
    Pi = 1 / (2 ** i * sp.factorial(i)) * (sp.diff((x ** 2 - 1) ** i, x, i))
    integrand = (2 * i + 1) / 2 * f * Pi
    coefficient = sp.integrate(integrand, (x, -1, 1))
    return coefficient.evalf()


a, b, i = map(int, input().split())

result = calculate_coefficient(a, b, i)
print(result)
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132733758

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:49:48	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```
import sympy as sp


x, a, b, i = sp.symbols('x a b i')
P_i = sp.legendre(i, x)

f = sp.cos(a*x + b)
integral = sp.integrate(f * P_i, (x, -1, 1))

coefficient = 2/(2*i + 1) * integral

result = coefficient.subs({a: 3, b: 4, i: 5})

print(format(result))
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132733691

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:49:08	Fourier-Legendre Series Expansion	Python 3	Compile Error

Code

```
import sympy as sp


x, a, b, i = sp.symbols('x a b i')
P_i = sp.legendre(i, x)

f = sp.cos(a*x + b)
integral = sp.integrate(f * P_i, (x, -1, 1))

coefficient = 2/(2*i + 1) * integral

result = coefficient.subs({a: 3, b: 4, i: 5})

print(.format(result))
```

Test Detail

- Compile Error

```
  File "/tmp/compiler_xpy53d_8/src", line 14
    print(.format(result))
          ^
SyntaxError: invalid syntax
```

Submission 132733495

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:47:05	Fourier-Legendre Series Expansion	C	Unaccepted

Code

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

double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        double p0 = 1.0;
        double p1 = x;
        double p2;
        for (int i = 2; i <= n; i++) {
            p2 = ((2.0 * i - 1.0) * x * p1 - (i - 1) * p0) / i;
            p0 = p1;
            p1 = p2;
        }
        return p1;
    }
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    double coefficient = 0.0;
    for (int k = 0; k <= i; k++) {
        double c = ((2.0 * k) + 1.0) / 2.0;
        double x = cos(b) * legendre(k, cos(b));
        coefficient += c * x;
    }

    coefficient *= a;

    printf("%.10lf\n", coefficient);

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Expected 0.000000, found 2.000000
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Expected 0.841471, found 0.500000
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found -16.021653
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 5.078859
- Subtask 2 - Unaccepted
  - Test 4 - Wrong Answer : wrong answer Expected 0.000000, found 8.000000
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found -13.028698
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found 147.410896
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found -43.743747
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found -115.627456
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found 66.549733
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found 23.818164
  - Test 11 - Wrong Answer : wrong answer Expected 0.064020, found 33.874164
  - Test 12 - Wrong Answer : wrong answer Expected -0.852817, found 89.958353
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found -12.469766
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found -82.591040
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found 0.499010
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found -235.169467
  - Test 17 - Wrong Answer : wrong answer Expected -0.042745, found 433.988456
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found 112.550304
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found 120.897096

Submission 132733439

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:46:33	Fourier-Legendre Series Expansion	C	Unaccepted

Code

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

double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        double p0 = 1.0;
        double p1 = x;
        double p2;
        for (int i = 2; i <= n; i++) {
            p2 = ((2 * i - 1) * x * p1 - (i - 1) * p0) / i;
            p0 = p1;
            p1 = p2;
        }
        return p1;
    }
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    double coefficient = 0.0;
    for (int k = 0; k <= i; k++) {
        double c = 2.0 / (2 * k + 1);
        double x = cos(b) * legendre(k, cos(b));
        coefficient += c * x;
    }

    coefficient *= a;

    printf("%.10lf\n", coefficient);

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Expected 0.000000, found 2.666667
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Expected 0.841471, found 2.000000
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found -64.086613
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 20.315437
- Subtask 2 - Unaccepted
  - Test 4 - Wrong Answer : wrong answer Expected 0.000000, found 3.352381
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found 19.897760
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found 65.922123
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found -76.749481
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found 77.070121
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found -68.397390
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found 34.427112
  - Test 11 - Wrong Answer : wrong answer Expected 0.064020, found 28.248237
  - Test 12 - Wrong Answer : wrong answer Expected -0.852817, found -63.794231
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found -13.216563
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found 55.050086
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found -0.830599
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found 213.754048
  - Test 17 - Wrong Answer : wrong answer Expected -0.042745, found 63.472564
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found -57.474433
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found -90.826323

Submission 132732882

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:40:41	Fourier-Legendre Series Expansion	C	Compile Error

Code

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

// 勒让德多项式的递归计算
double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        return ((2.0 * n - 1) * x * legendre(n - 1, x) - (n - 1) * legendre(n - 2, x)) / n;
    }
}

// Gauss-Legendre积分节点和权重
const double gauss_legendre_nodes[10000] = { ... }; // 请替换为实际的节点
const double gauss_legendre_weights[10000] = { ... }; // 请替换为实际的权重

// 使用 Gauss-Legendre 积分方法计算积分
double integrate_cos_legendre(int a, int b, int i) {
    double result = 0.0;
    int num_nodes = 10000; // 使用10000个节点来估算积分

    for (int k = 0; k < num_nodes; k++) {
        double x_k = gauss_legendre_nodes[k];
        double weight_k = gauss_legendre_weights[k];
        double f_x_k = cos(a * x_k + b);
        result += f_x_k * legendre(i, x_k) * weight_k;
    }

    return result;
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    double result = integrate_cos_legendre(a, b, i);

    printf("%.10lf\n", result);

    return 0;
}
```

Test Detail

- Compile Error

```
SPJ compilation failed:

/tmp/compiler_nl52tkj9/src:16:46: 错误: expected expression before ‘...’ token
   16 | const double gauss_legendre_nodes[10000] = { ... }; // 请替换为实际的节点
      |                                              ^~~
/tmp/compiler_nl52tkj9/src:17:48: 错误: expected expression before ‘...’ token
   17 | const double gauss_legendre_weights[10000] = { ... }; // 请替换为实际的权重
      |                                                ^~~
```

Submission 132732802

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:39:43	Fourier-Legendre Series Expansion	C	Unaccepted

Code

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

// 勒让德多项式的递归计算
double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        return ((2.0 * n - 1) * x * legendre(n - 1, x) - (n - 1) * legendre(n - 2, x)) / n;
    }
}

// 复化梯形法则计算积分
double integrate_cos_legendre(int a, int b, int i, int num_intervals) {
    double result = 0.0;
    double interval_width = 2.0 / num_intervals;

    for (int k = 0; k < num_intervals; k++) {
        double x_k = -1.0 + k * interval_width;
        double f_x_k = cos(a * x_k + b);
        result += f_x_k * legendre(i, x_k);
    }

    result *= interval_width / 2.0; // 使用复化梯形法则计算积分

    return result;
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    int num_intervals = 10000;
    double result = integrate_cos_legendre(a, b, i, num_intervals);

    printf("%.10lf\n", result);

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Expected 0.000000, found -0.000054
- Subtask 1 - Unaccepted
  - Test 1 - Accepted : ok Good job!
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found -0.005311
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 0.005418
- Subtask 2 - Unaccepted
  - Test 4 - Wrong Answer : wrong answer Expected 0.000000, found -0.000054
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found -0.021329
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found -0.039802
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found -0.001812
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found 0.001463
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found 0.007738
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found -0.009794
  - Test 11 - Time Limit Exceeded :
  - Test 12 - Time Limit Exceeded :
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found -0.017749
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found -0.010539
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found -0.005099
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found -0.001177
  - Test 17 - Time Limit Exceeded :
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found -0.001149
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found 0.008615

Submission 132732737

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:39:03	Fourier-Legendre Series Expansion	C	Unaccepted

Code

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

// 勒让德多项式的递归计算
double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        return ((2.0 * n - 1) * x * legendre(n - 1, x) - (n - 1) * legendre(n - 2, x)) / n;
    }
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    double result = 0.0;
    int num_intervals = 10000;
    double interval_width = 2.0 / num_intervals;

    for (int k = 0; k < num_intervals; k++) {
        double x_k = -1.0 + k * interval_width;
        double f_x_k = cos(a * x_k + b);
        result += f_x_k * legendre(i, x_k) * interval_width;
    }

    printf("%.10lf\n", result);

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Expected 0.000000, found -0.000108
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Expected 0.841471, found 1.682942
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found -0.010622
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 0.010835
- Subtask 2 - Unaccepted
  - Test 4 - Wrong Answer : wrong answer Expected 0.000000, found -0.000108
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found -0.042658
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found -0.079603
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found -0.003624
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found 0.002926
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found 0.015475
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found -0.019588
  - Test 11 - Time Limit Exceeded :
  - Test 12 - Time Limit Exceeded :
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found -0.035498
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found -0.021078
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found -0.010199
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found -0.002355
  - Test 17 - Time Limit Exceeded :
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found -0.002298
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found 0.017229

Submission 132732704

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:38:39	Fourier-Legendre Series Expansion	C	Compile Error

Code

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

// Gauss-Legendre nodes and weights for 10000 points
const double nodes[10000] = { ... }; // Replace with actual values
const double weights[10000] = { ... }; // Replace with actual values

double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        double P0 = 1.0;
        double P1 = x;
        double Pn_minus_2, Pn_minus_1;
        for (int i = 2; i <= n; i++) {
            double a = (2.0 * i - 1.0) / i;
            double b = (i - 1.0) / i;
            Pn_minus_2 = P0;
            Pn_minus_1 = P1;
            P1 = a * x * Pn_minus_1 - b * Pn_minus_2;
        }
        return P1;
    }
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    double result = 0.0;
    for (int k = 0; k < 10000; k++) {
        double x_k = nodes[k];
        double weight = weights[k];
        double f_x_k = cos(a * x_k + b);
        result += f_x_k * legendre(i, x_k) * weight;
    }

    printf("%.10lf\n", result);

    return 0;
}
```

Test Detail

- Compile Error

```
/tmp/compiler_u_llo5s_/src:5:31: 错误: expected expression before ‘...’ token
    5 | const double nodes[10000] = { ... }; // Replace with actual values
      |                               ^~~
/tmp/compiler_u_llo5s_/src:6:33: 错误: expected expression before ‘...’ token
    6 | const double weights[10000] = { ... }; // Replace with actual values
      |                                 ^~~
```

Submission 132732683

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:38:27	Fourier-Legendre Series Expansion	C	Compile Error

Code

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

// Gauss-Legendre nodes and weights for 10000 points
const double nodes[10000] = { ... }; // Replace with actual values
const double weights[10000] = { ... }; // Replace with actual values

double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        double P0 = 1.0;
        double P1 = x;
        double Pn_minus_2, Pn_minus_1;
        for (int i = 2; i <= n; i++) {
            double a = (2.0 * i - 1.0) / i;
            double b = (i - 1.0) / i;
            Pn_minus_2 = P0;
            Pn_minus_1 = P1;
            P1 = a * x * Pn_minus_1 - b * Pn_minus_2;
        }
        return P1;
    }
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    double result = 0.0;
    for (int k = 0; k < 10000; k++) {
        double x_k = nodes[k];
        double weight = weights[k];
        double f_x_k = cos(a * x_k + b);
        result += f_x_k * legendre(i, x_k) * weight;
    }

    printf("%.10lf\n", result);

    return 0;
}
```

Test Detail

- Compile Error

```
/tmp/compiler_bq4nhboo/src:5:31: 错误: expected expression before ‘...’ token
    5 | const double nodes[10000] = { ... }; // Replace with actual values
      |                               ^~~
/tmp/compiler_bq4nhboo/src:6:33: 错误: expected expression before ‘...’ token
    6 | const double weights[10000] = { ... }; // Replace with actual values
      |                                 ^~~
```

Submission 132732623

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:37:50	Fourier-Legendre Series Expansion	C	Unaccepted

Code

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

double legendre(int n, double x) {
    if (n == 0) {
        return 1.0;
    } else if (n == 1) {
        return x;
    } else {
        double P0 = 1.0;
        double P1 = x;
        double Pn_minus_2, Pn_minus_1;
        for (int i = 2; i <= n; i++) {
            double a = (2.0 * i - 1.0) / i;
            double b = (i - 1.0) / i;
            Pn_minus_2 = P0;
            Pn_minus_1 = P1;
            P1 = a * x * Pn_minus_1 - b * Pn_minus_2;
        }
        return P1;
    }
}

int main() {
    int a, b, i;
    scanf("%d %d %d", &a, &b, &i);

    double result = 0.0;
    for (int k = 0; k < 10000; k++) {
        double x_k = -1.0 + 2.0 * k / 10000.0;
        double weight = 2.0 / 10000.0;
        double f_x_k = cos(a * x_k + b);
        result += f_x_k * legendre(i, x_k) * weight;
    }

    printf("%.10lf\n", result);

    return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong answer Expected 0.000000, found -0.000108
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Expected 0.841471, found 1.682942
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found -0.010622
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 0.010835
- Subtask 2 - Unaccepted
  - Test 4 - Wrong Answer : wrong answer Expected 0.000000, found -1.122141
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found -0.082198
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found -0.186361
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found 0.001558
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found -11340.749494
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found 9.357510
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found 732.826366
  - Test 11 - Wrong Answer : wrong answer Expected 0.064020, found -136466.528072
  - Test 12 - Wrong Answer : wrong answer Expected -0.852817, found 1521965.680450
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found 2.183836
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found -8875.109645
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found -7.877777
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found 9859.727267
  - Test 17 - Wrong Answer : wrong answer Expected -0.042745, found 151754.938214
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found -44.764851
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found -697.174932

Submission 132732058

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:31:33	Fourier-Legendre Series Expansion	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    int n, q;
    scanf("%d %d", &n, &q);
    int z_values[n];

    for (int i = 0; i < n; i++) {
        scanf("%d", &z_values[i]);
    }

    int damage[n];
    int card_count[6];
    int product = 1;

    for (int i = 0; i < n; i++) {
        int z_i = z_values[i];
        int x_i;
        if (i == 0) {
            x_i = z_i % 6;
        } else {
            x_i = (damage[i - 1] + z_i) % 6;
        }

        card_count[x_i] += 1;

        if (i >= q) {
            int x_value = (damage[i - q] + z_values[i - q]) % 6;
            card_count[x_value] -= 1;
        }

        product = 1;
        for (int j = 0; j < 6; j++) {
            product *= (card_count[j] + 1);
        }

        damage[i] = product;
    }

    for (int i = 0; i < n; i++) {
        printf("%d\n", damage[i]);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok Good job!
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Expected 0.841471, found 0.000000
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found 0.000000
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 0.000000
- Subtask 2 - Unaccepted
  - Test 4 - Accepted : ok Good job!
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found 0.000000
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found 0.000000
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found 0.000000
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found -33765526.000000
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found 0.000000
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found 0.000000
  - Test 11 - Wrong Answer : wrong answer Expected 0.064020, found 0.000000
  - Test 12 - Wrong Answer : wrong answer Expected -0.852817, found 0.000000
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found 1691383504.000000
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found 1700621860.000000
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found 754082812.000000
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found -1517957364.000000
  - Test 17 - Wrong Answer : wrong answer Expected -0.042745, found 0.000000
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found 0.000000
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found 0.000000

Submission 132731498

User	Time	Problem	Language	Verdict
LYX420	2023/11/1 12:23:01	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```python
import sympy as sp


def calculate_coefficient(a, b, i):
    x = sp.symbols('x')
    f = sp.cos(a * x + b)
    Pi = 1 / (2 ** i * sp.factorial(i)) * (sp.diff((x ** 2 - 1) ** i, x, i))
    integrand = (2 * i + 1) / 2 * f * Pi
    coefficient = sp.integrate(integrand, (x, -1, 1))
    return coefficient.evalf()


a, b, i = map(int, input().split())

result = calculate_coefficient(a, b, i)
print(result)
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :
  - Test 12 - Runtime Error :
  - Test 13 - Runtime Error :
  - Test 14 - Runtime Error :
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Runtime Error :
  - Test 18 - Runtime Error :
  - Test 19 - Runtime Error :

Submission 132657258

User	Time	Problem	Language	Verdict
yangzhongtian	2023/10/31 20:20:00	Fourier-Legendre Series Expansion	Python 3	Unaccepted

Code

```python
import numpy as np
from scipy.special import legendre
from scipy.integrate import quad

a, b, i = map(int, input().split())

f = lambda x: np.cos(a * x + b)

p = legendre(i)
integral, _ = quad(lambda x: f(x) * p(x), -1, 1)
ans = ((2 * i) + 1) / 2 * integral

print(f"{ans:.10f}")
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
- Subtask 2 - Unaccepted
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
  - Test 10 - Runtime Error :
  - Test 11 - Runtime Error :

- Test 12 - Runtime Error :
- Test 13 - Runtime Error :
- Test 14 - Runtime Error :
- Test 15 - Runtime Error :
- Test 16 - Runtime Error :
- Test 17 - Runtime Error :
- Test 18 - Runtime Error :
- Test 19 - Runtime Error :

Submission 132198628

User	Time	Problem	Language	Verdict
HuTao29	2023/10/29 10:57:10	Fourier-Legendre Series Expansion	C	Accepted

Code

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

double P[55][55];
int n, a, b;

double f(double x) {
    double ans = 0, tx = 1;
    for (int i = 0; i <= n; ++i) {
        ans += P[n][i] * tx;
        tx *= x;
    }
    ans *= cos(a * x + b);
    return ans;
}

double simpson(double l, double r) {
    double mid = l + (r - l) / 2;
    return (r - l) * (f(l) + 4 * f(mid) + f(r)) / 6;
}

double asr(double l, double r, int n) {
    double res = 0, h = (r - l) / n;
    for (int k = 0; k < n; ++k) {
        res += simpson(l + k * h, l + (k + 1) * h);
    }
    return res;
}

int main() {
    scanf("%d %d %d", &a, &b, &n);
    P[0][0] = 1;
    P[1][1] = 1;
    for (int i = 2; i <= n; ++i) {
        for (int j = 0; j <= i; ++j) {
            if (j) P[i][j] = P[i - 1][j - 1] * (2 * i - 1) / i;
            P[i][j] -= P[i - 2][j] * (i - 1) / i;
        }
    }
    printf("%lf\n", asr(-1, 1, 2000) * (2 * n + 1) / 2);
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok Good job!
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok Good job!
  - Test 2 - Accepted : ok Good job!
  - Test 3 - Accepted : ok Good job!
- Subtask 2 - Accepted
  - Test 4 - Accepted : ok Good job!
  - Test 5 - Accepted : ok Good job!
  - Test 6 - Accepted : ok Good job!
  - Test 7 - Accepted : ok Good job!
- Subtask 3 - Accepted
  - Test 8 - Accepted : ok Good job!
  - Test 9 - Accepted : ok Good job!
  - Test 10 - Accepted : ok Good job!
  - Test 11 - Accepted : ok Good job!
  - Test 12 - Accepted : ok Good job!
  - Test 13 - Accepted : ok Good job!
  - Test 14 - Accepted : ok Good job!
  - Test 15 - Accepted : ok Good job!
  - Test 16 - Accepted : ok Good job!
  - Test 17 - Accepted : ok Good job!
  - Test 18 - Accepted : ok Good job!
  - Test 19 - Accepted : ok Good job!

Submission 132198560

User	Time	Problem	Language	Verdict
HuTao29	2023/10/29 10:56:53	Fourier-Legendre Series Expansion	C	Unaccepted

Code

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

double P[55][55];
int n, a, b;

double f(double x) {
    double ans = 0, tx = 1;
    for (int i = 0; i <= n; ++i) {
        ans += P[n][i] * tx;
        tx *= x;
    }
    ans *= cos(a * x + b);
    return ans;
}

double simpson(double l, double r) {
    double mid = l + (r - l) / 2;
    return (r - l) * (f(l) + 4 * f(mid) + f(r)) / 6;
}

double asr(double l, double r, int n) {
    double res = 0, h = (r - l) / n;
    for (int k = 0; k < n; ++k) {
        res += simpson(l + k * h, l + (k + 1) * h);
    }
    return res;
}

int main() {
    scanf("%d %d %d", &a, &b, &n);
    P[0][0] = 1;
    P[1][1] = 1;
    for (int i = 2; i <= n; ++i) {
        for (int j = 0; j <= i; ++j) {
            if (j) P[i][j] = P[i - 1][j - 1] * (2 * i - 1) / i;
            P[i][j] -= P[i - 2][j] * (i - 1) / i;
        }
    }
    printf("%lf\n", asr(-1, 1, 1000) * (2 * n + 1) / 2);
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok Good job!
- Subtask 1 - Accepted
  - Test 1 - Accepted : ok Good job!
  - Test 2 - Accepted : ok Good job!
  - Test 3 - Accepted : ok Good job!
- Subtask 2 - Accepted
  - Test 4 - Accepted : ok Good job!
  - Test 5 - Accepted : ok Good job!
  - Test 6 - Accepted : ok Good job!
  - Test 7 - Accepted : ok Good job!
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found 0.071318
  - Test 9 - Accepted : ok Good job!
  - Test 10 - Accepted : ok Good job!
  - Test 11 - Accepted : ok Good job!
  - Test 12 - Wrong Answer : wrong answer Expected -0.852817, found -0.852814
  - Test 13 - Accepted : ok Good job!
  - Test 14 - Accepted : ok Good job!
  - Test 15 - Accepted : ok Good job!
  - Test 16 - Accepted : ok Good job!
  - Test 17 - Accepted : ok Good job!
  - Test 18 - Accepted : ok Good job!
  - Test 19 - Accepted : ok Good job!

Submission 132197186

User	Time	Problem	Language	Verdict
HuTao29	2023/10/29 10:52:09	Fourier-Legendre Series Expansion	C	Unaccepted

Code

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

double P[55][55];
int n, a, b;

double f(double x) {
    double ans = 0, tx = 1;
    for (int i = 0; i <= n; ++i) {
        ans += P[n][i] * tx;
        tx *= x;
    }
    ans *= cos(a * x + b);
    return ans;
}

double simpson(double l, double r) {
    double mid = l + (r - l) / 2;
    return (r - l) * (f(l) + 4 * f(mid) + f(r)) / 6;
}

double asr(double l, double r, int n) {
    double res = 0, h = (r - l) / n;
    for (int k = 0; k < n; ++k) {
        res += simpson(l + k * h, l + (k + 1) * h);
    }
    return res;
}

int main() {
    scanf("%d %d %d", &a, &b, &n);
    P[0][0] = 1;
    P[1][1] = 1;
    for (int i = 2; i <= n; ++i) {
        for (int j = 0; j <= i; ++j) {
            if (j) P[i][j] = P[i - 1][j - 1] * (2 * i - 1) / i;
            P[i][j] -= P[i - 2][j] * (i - 1) / i;
        }
    }
    printf("%lf\n", asr(-1, 1, 1000));
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok Good job!
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Expected 0.841471, found 1.682942
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found -0.010804
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 0.010940
- Subtask 2 - Unaccepted
  - Test 4 - Accepted : ok Good job!
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found -0.042605
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found -0.079672
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found -0.003650
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found 0.003035
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found 0.015374
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found -0.019669
  - Test 11 - Wrong Answer : wrong answer Expected 0.064020, found 0.002246
  - Test 12 - Wrong Answer : wrong answer Expected -0.852817, found -0.027961
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found -0.035515
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found -0.021021
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found -0.010197
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found -0.002376
  - Test 17 - Wrong Answer : wrong answer Expected -0.042745, found -0.001613
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found -0.002312
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found 0.017342

Submission 131647587

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/26 11:20:56	Fourier-Legendre Series Expansion	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int a,b,c;
int main()
{
        scanf("%d%d%d",&a,&b,&c);
        printf("0.0000000000");
        return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok Good job!
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong answer Expected 0.841471, found 0.000000
  - Test 2 - Wrong Answer : wrong answer Expected -0.005402, found 0.000000
  - Test 3 - Wrong Answer : wrong answer Expected 0.005470, found 0.000000
- Subtask 2 - Unaccepted
  - Test 4 - Accepted : ok Good job!
  - Test 5 - Wrong Answer : wrong answer Expected -0.149119, found 0.000000
  - Test 6 - Wrong Answer : wrong answer Expected -0.358523, found 0.000000
  - Test 7 - Wrong Answer : wrong answer Expected -0.012776, found 0.000000
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong answer Expected 0.071316, found 0.000000
  - Test 9 - Wrong Answer : wrong answer Expected 0.207555, found 0.000000
  - Test 10 - Wrong Answer : wrong answer Expected -0.383552, found 0.000000
  - Test 11 - Wrong Answer : wrong answer Expected 0.064020, found 0.000000
  - Test 12 - Wrong Answer : wrong answer Expected -0.852817, found 0.000000
  - Test 13 - Wrong Answer : wrong answer Expected -0.408420, found 0.000000
  - Test 14 - Wrong Answer : wrong answer Expected -0.493990, found 0.000000
  - Test 15 - Wrong Answer : wrong answer Expected -0.117260, found 0.000000
  - Test 16 - Wrong Answer : wrong answer Expected -0.055825, found 0.000000
  - Test 17 - Wrong Answer : wrong answer Expected -0.042745, found 0.000000
  - Test 18 - Wrong Answer : wrong answer Expected -0.033526, found 0.000000
  - Test 19 - Wrong Answer : wrong answer Expected 0.338167, found 0.000000

Submission 131482767

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 11:43:45	Fourier-Legendre Series Expansion	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
	scanf("0.0000000000");
	return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Wrong Answer : wrong output format Unexpected end of file - double expected
- Subtask 1 - Unaccepted
  - Test 1 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 2 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 3 - Wrong Answer : wrong output format Unexpected end of file - double expected
- Subtask 2 - Unaccepted
  - Test 4 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 5 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 6 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 7 - Wrong Answer : wrong output format Unexpected end of file - double expected
- Subtask 3 - Unaccepted
  - Test 8 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 9 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 10 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 11 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 12 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 13 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 14 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 15 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 16 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 17 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 18 - Wrong Answer : wrong output format Unexpected end of file - double expected
  - Test 19 - Wrong Answer : wrong output format Unexpected end of file - double expected

E. Who is the Last

Submission 132735598

User	Time	Problem	Language	Verdict
TJ111	2023/11/1 13:06:12	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```cpp
#define  _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<stdlib.h>
#include<algorithm>
#include<string.h>
#include<iostream>
#include<queue>
#include<math.h>
#include<string>
#include<map>
#include<functional>
#include<unordered_map>
#include<bitset>

using namespace std;

#define int long long
#define inf 0x3f3f3f3f

int n, x;

signed main(void)
{
	cin.tie(0);
	cout.tie(0);
	ios::sync_with_stdio(0);

	cin >> x >> n;

	int p = 0;

	for (int i = 2; i <= x; i++)
	{
		p = (p + n) % i;
	}

	cout << p + 1 << '\n';


	system("pause");
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted

- Test 38 - Accepted : ok accepted
- Test 39 - Accepted : ok accepted

- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 132733347

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:45:30	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    long long x;
    int n;
    scanf("%lld %d", &x, &n);

    long long result = 0;
    for (long long i = 2; i <= x; i++) {
        result = (result + n) % i;
    }

    printf("%lld\n", result + 1);

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted

- Test 38 - Accepted : ok accepted
- Test 39 - Accepted : ok accepted

- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 132733231

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:44:22	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    long long x;
    int n;
    scanf("%lld %d", &x, &n);

    long long result = 1;
    for (long long i = 2; i <= x; i++) {
        result = (result + n - 1) % i + 1;
    }

    printf("%lld\n", result);

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted

- Test 38 - Accepted : ok accepted
- Test 39 - Accepted : ok accepted

- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 132733147

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:43:18	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

int main() {
    long long x;
    int n;
    scanf("%lld %d", &x, &n);

    long long result = 1;
    for (long long i = 2; i <= x; i++) {
        result = (result + n - 1) % i + 1;
    }

    printf("%lld\n", result);

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted

- Test 38 - Accepted : ok accepted
- Test 39 - Accepted : ok accepted

- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 132733089

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:42:50	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```c
#include <stdio.h>

long long lastSurvivor(long long x, int n) {
    if (x == 1) {
        return 1;
    }
    return (lastSurvivor(x - 1, n) + n - 1) % x + 1;
}

int main() {
    long long x;
    int n;
    scanf("%lld %d", &x, &n);

    long long result = lastSurvivor(x, n);

    printf("%lld\n", result);

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Memory Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :

- Test 34 - Memory Limit Exceeded :
- Test 35 - Memory Limit Exceeded :
- Test 36 - Memory Limit Exceeded :
- Test 37 - Memory Limit Exceeded :
- Test 38 - Memory Limit Exceeded :
- Test 39 - Memory Limit Exceeded :

- Subtask 4 - Unaccepted
  - Test 40 - Memory Limit Exceeded :
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Memory Limit Exceeded :
  - Test 48 - Memory Limit Exceeded :
  - Test 49 - Memory Limit Exceeded :

Submission 132733039

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:42:18	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include <stdio.h>

int main() {
    long long x;
    int n;
    scanf("%lld %d", &x, &n);

    long long result = 0;
    for (long long i = 2; i <= x; i++) {
        result = (result + n) % i;
    }

    printf("%lld\n", result + 1);

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted

- Test 34 - Accepted : ok accepted
- Test 35 - Accepted : ok accepted
- Test 36 - Accepted : ok accepted
- Test 37 - Accepted : ok accepted
- Test 38 - Accepted : ok accepted
- Test 39 - Accepted : ok accepted

- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 132732967

User	Time	Problem	Language	Verdict
Jasipop	2023/11/1 12:41:35	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include <stdio.h>

int main() {
    long long x;
    int n;
    scanf("%lld %d", &x, &n);

    long long result = 0;
    for (long long i = 2; i <= x; i++) {
        result = (result + n) % i;
    }

    printf("%lld\n", result + 1);

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted

- Test 34 - Accepted : ok accepted
- Test 35 - Accepted : ok accepted
- Test 36 - Accepted : ok accepted
- Test 37 - Accepted : ok accepted
- Test 38 - Accepted : ok accepted
- Test 39 - Accepted : ok accepted

- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 132717247

User	Time	Problem	Language	Verdict
Tighnari	2023/11/1 09:31:22	Who is the Last	C++20	Accepted

Code

```cpp
#include <cstdio>
#define ll long long
using namespace std;
ll josephus(ll n, ll k) {
    if (k == 1) return n - 1;
    ll ans = 0;
    for (ll i = 2; i <= n;) {
        if (ans + k >= i) {
            ans = (ans + k) % i;
            i++;
            continue;
        }
        ll step = (i - 1 - ans - 1) / (k - 1);
        if (i + step > n) {
            ans += (n - (i - 1)) * k;
            break;
        }
        i += step;
        ans += step * k;
    }
    return ans;
}

int main() {
    ll n, k;
    while (scanf("%lld%lld", &n, &k) == 2)
        printf("%lld\n", josephus(n, k) % n + 1);
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted

- Test 24 - Accepted : ok accepted
- Test 25 - Accepted : ok accepted
- Test 26 - Accepted : ok accepted
- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Accepted
  - Test 40 - Accepted : ok accepted
  - Test 41 - Accepted : ok accepted
  - Test 42 - Accepted : ok accepted
  - Test 43 - Accepted : ok accepted
  - Test 44 - Accepted : ok accepted
  - Test 45 - Accepted : ok accepted
  - Test 46 - Accepted : ok accepted
  - Test 47 - Accepted : ok accepted
  - Test 48 - Accepted : ok accepted
  - Test 49 - Accepted : ok accepted

Submission 132682922

User	Time	Problem	Language	Verdict
LYX420	2023/10/31 21:39:14	Who is the Last	C	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
	long n, m;
	scanf("%ld %ld", &n, &m);
	long people = 0;
	for (long i = 2; i <= n; i++)
	{
		people = (people + m) % i;
	}
	printf("%ld", people + 1);
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted

- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 132678866

User	Time	Problem	Language	Verdict
LYX420	2023/10/31 21:26:23	Who is the Last	C	Unaccepted

Code

```c
#include <stdio.h>
#include<stdlib.h>
void find_last_person(int N, int M)
{
    int* circle;
    circle = (int*)malloc(sizeof(int) * N);
    int i, j, count;
    for (i = 0; i < N; i++)
    {
        circle[i] = i + 1;
    }
    int current_index = 0;
    for (count = N; count > 0; count--)
    {
        current_index = (current_index + M) % count;
        if (count == 1)
        {
            printf("%d", circle[current_index]);
        }
        else
        {
            printf("%d,", circle[current_index]);
        }
        for (j = current_index; j < count - 1; j++)
        {
            circle[j] = circle[j + 1];
        }
    }
}
int main()
{
    int N, M;
    scanf("%d,%d", &N, &M);
    find_last_person(N, M);
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.

- Test 11 - Wrong Answer : wrong answer On line 1 column 2, read ,, expected 8.
- Test 12 - Wrong Answer : wrong answer On line 1 column 2, read ,, expected 1.
- Test 13 - Wrong Answer : wrong answer On line 1 column 2, read ,, expected 6.
- Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
- Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 3.
- Test 16 - Wrong Answer : wrong answer On line 1 column 2, read ,, expected 0.
- Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 6.
- Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.

- Subtask 2 - Unaccepted
  - Test 20 - Time Limit Exceeded :
  - Test 21 - Time Limit Exceeded :
  - Test 22 - Time Limit Exceeded :
  - Test 23 - Time Limit Exceeded :
  - Test 24 - Time Limit Exceeded :
  - Test 25 - Time Limit Exceeded :
  - Test 26 - Time Limit Exceeded :
  - Test 27 - Time Limit Exceeded :
  - Test 28 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.
  - Test 29 - Time Limit Exceeded :
- Subtask 3 - Unaccepted
  - Test 30 - Time Limit Exceeded :
  - Test 31 - Time Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Time Limit Exceeded :
  - Test 35 - Time Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Time Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer Too short on line 1.
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Wrong Answer : wrong answer Too short on line 1.
  - Test 48 - Wrong Answer : wrong answer Too short on line 1.
  - Test 49 - Wrong Answer : wrong answer Too short on line 1.

Submission 132626305

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/31 18:25:29	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include <cstdio>
#define ll long long
using namespace std;
ll josephus(int n, int k) {
    if (k == 1) return n - 1;
    ll ans = 0;
    for (ll i = 2; i <= n;) {
        if (ans + k >= i) {
            ans = (ans + k) % i;
            i++;
            continue;
        }
        ll step = (i - 1 - ans - 1) / (k - 1);
        if (i + step > n) {
            ans += (n - (i - 1)) * k;
            break;
        }
        i += step;
        ans += step * k;
    }
    return ans;
}

int main() {
    ll n, k;
    while (scanf("%lld%lld", &n, &k) == 2)
        printf("%lld\n", josephus(n, k) % n + 1);
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted

- Test 1 - Accepted : ok accepted
- Test 2 - Accepted : ok accepted
- Test 3 - Accepted : ok accepted
- Test 4 - Accepted : ok accepted
- Test 5 - Accepted : ok accepted
- Test 6 - Accepted : ok accepted
- Test 7 - Accepted : ok accepted
- Test 8 - Accepted : ok accepted
- Test 9 - Accepted : ok accepted

- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
  - Test 41 - Wrong Answer : wrong answer On line 1 column 1, read 2, expected 6.
  - Test 42 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 6.
  - Test 43 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.
  - Test 44 - Wrong Answer : wrong answer On line 1 column 2, read 0, expected 2.
  - Test 45 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 46 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 47 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 7.
  - Test 48 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 49 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.

Submission 132162652

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/28 23:49:35	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <cstdio>
using namespace std;
//編號從1開始，結果要加1
int josephus(int n, int k) {
    if (k == 1) return n - 1;
    int ans = 0;
    for (int i = 2; i <= n;) {
        if (ans + k >= i) {
            ans = (ans + k) % i;
            i++;
            continue;
        }
        int step = (i - 1 - ans - 1) / (k - 1);  //向下取整
        if (i + step > n) {
            ans += (n - (i - 1)) * k;
            break;
        }
        i += step;
        ans += step * k;
    }
    return ans;
}

int main() {
    int n, k;
    while (scanf("%d%d", &n, &k) == 2) printf("%d\n", josephus(n, k) % n + 1);
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
  - Test 41 - Wrong Answer : wrong answer On line 1 column 1, read 2, expected 6.
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.
  - Test 44 - Wrong Answer : wrong answer On line 1 column 2, read 0, expected 2.
  - Test 45 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 46 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 2.
  - Test 47 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 7.
  - Test 48 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.

- Test 49 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.

Submission 132043895

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/28 15:18:18	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
    long long n;
         int m,i,start,end,t,s;
    int a[10000001],flag[10000001]={0};
    scanf("%lld %d",&n,&m);
    start=0;
    for(i=0;i<n;i++)
        a[i]=i+1;
    for(s=0;s<n;s++){
        t=0;
        for(i=start;;i++){
            if(flag[i%n]==0)
            t++;
            if(t==m)
            break;
        }
        i%=n;
        //printf("%d\n",i);
        flag[i]=1;
        if(s==n-1){
          printf("%d ",a[i]);
                   }
        else{
            start=(i+1)%n;
            for(i=start;;i++){
                if(flag[i%n]==0)
                break;
                else
                start++;
            }
            start%=n;
        }
         }
         return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Unaccepted
  - Test 30 - Runtime Error :
  - Test 31 - Time Limit Exceeded :

- Test 32 - Runtime Error :
- Test 33 - Runtime Error :
- Test 34 - Runtime Error :
- Test 35 - Runtime Error :
- Test 36 - Runtime Error :
- Test 37 - Runtime Error :
- Test 38 - Runtime Error :
- Test 39 - Runtime Error :

- Subtask 4 - Unaccepted
  - Test 40 - Runtime Error :
  - Test 41 - Runtime Error :
  - Test 42 - Runtime Error :
  - Test 43 - Runtime Error :
  - Test 44 - Runtime Error :
  - Test 45 - Runtime Error :
  - Test 46 - Runtime Error :
  - Test 47 - Runtime Error :
  - Test 48 - Runtime Error :
  - Test 49 - Runtime Error :

Submission 132042970

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/28 15:15:48	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
    long long n;
         int m,i,start,end,t,s;
    int a[100000001],flag[100000001]={0};
    scanf("%lld %d",&n,&m);
    start=0;
    for(i=0;i<n;i++)
        a[i]=i+1;
    for(s=0;s<n;s++){
        t=0;
        for (i=start; ;i++)
        {
            if (flag[i%n]==0)
            t++;
            if (t==m)
            break;
        }
        i%=n;
        //printf("%d\n",i);
        flag[i]=1;
        if(s==n-1){
          printf("%d ",a[i]);
                  }
        if (s<n-1)
        {
            start=(i+1)%n;
            for (i=start; ;i++)
            {
                if (flag[i%n]==0)
                break;
                else
                start++;
            }
            start%=n;
        }
         }
         return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Memory Limit Exceeded :
  - Test 1 - Memory Limit Exceeded :
  - Test 2 - Memory Limit Exceeded :
  - Test 3 - Memory Limit Exceeded :
  - Test 4 - Memory Limit Exceeded :
  - Test 5 - Memory Limit Exceeded :
  - Test 6 - Memory Limit Exceeded :
  - Test 7 - Memory Limit Exceeded :
  - Test 8 - Memory Limit Exceeded :
  - Test 9 - Memory Limit Exceeded :
- Subtask 1 - Unaccepted
  - Test 10 - Memory Limit Exceeded :
  - Test 11 - Memory Limit Exceeded :
  - Test 12 - Memory Limit Exceeded :

- Test 13 - Memory Limit Exceeded :
- Test 14 - Memory Limit Exceeded :
- Test 15 - Memory Limit Exceeded :
- Test 16 - Memory Limit Exceeded :
- Test 17 - Memory Limit Exceeded :
- Test 18 - Memory Limit Exceeded :
- Test 19 - Memory Limit Exceeded :

- Subtask 2 - Unaccepted
  - Test 20 - Memory Limit Exceeded :
  - Test 21 - Memory Limit Exceeded :
  - Test 22 - Memory Limit Exceeded :
  - Test 23 - Memory Limit Exceeded :
  - Test 24 - Memory Limit Exceeded :
  - Test 25 - Memory Limit Exceeded :
  - Test 26 - Memory Limit Exceeded :
  - Test 27 - Memory Limit Exceeded :
  - Test 28 - Memory Limit Exceeded :
  - Test 29 - Memory Limit Exceeded :
- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Memory Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Memory Limit Exceeded :
  - Test 35 - Memory Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Memory Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Memory Limit Exceeded :
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Memory Limit Exceeded :
  - Test 48 - Memory Limit Exceeded :
  - Test 49 - Memory Limit Exceeded :

Submission 132042826

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/28 15:15:24	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
    long long n;
         int m,i,start,end,t,s;
    int a[1000000001],flag[1000000001]={0};
    scanf("%lld %d",&n,&m);
    start=0;
    for(i=0;i<n;i++)
        a[i]=i+1;
    for(s=0;s<n;s++){
        t=0;
        for (i=start; ;i++)
        {
            if (flag[i%n]==0)
            t++;
            if (t==m)
            break;
        }
        i%=n;
        //printf("%d\n",i);
        flag[i]=1;
        if(s==n-1){
          printf("%d ",a[i]);
                    }
        if (s<n-1)
        {
            start=(i+1)%n;
            for (i=start; ;i++)
            {
                if (flag[i%n]==0)
                break;
                else
                start++;
            }
            start%=n;
        }
          }
          return 0;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Memory Limit Exceeded :
  - Test 1 - Memory Limit Exceeded :
  - Test 2 - Memory Limit Exceeded :
  - Test 3 - Memory Limit Exceeded :
  - Test 4 - Memory Limit Exceeded :
  - Test 5 - Memory Limit Exceeded :
  - Test 6 - Memory Limit Exceeded :
  - Test 7 - Memory Limit Exceeded :
  - Test 8 - Memory Limit Exceeded :
  - Test 9 - Memory Limit Exceeded :
- Subtask 1 - Unaccepted
  - Test 10 - Memory Limit Exceeded :
  - Test 11 - Memory Limit Exceeded :
  - Test 12 - Memory Limit Exceeded :
  - Test 13 - Memory Limit Exceeded :
  - Test 14 - Memory Limit Exceeded :
  - Test 15 - Memory Limit Exceeded :
  - Test 16 - Memory Limit Exceeded :
  - Test 17 - Memory Limit Exceeded :
  - Test 18 - Memory Limit Exceeded :
  - Test 19 - Memory Limit Exceeded :
- Subtask 2 - Unaccepted
  - Test 20 - Memory Limit Exceeded :
  - Test 21 - Memory Limit Exceeded :
  - Test 22 - Memory Limit Exceeded :
  - Test 23 - Memory Limit Exceeded :
  - Test 24 - Memory Limit Exceeded :
  - Test 25 - Memory Limit Exceeded :
  - Test 26 - Memory Limit Exceeded :
  - Test 27 - Memory Limit Exceeded :
  - Test 28 - Memory Limit Exceeded :
  - Test 29 - Memory Limit Exceeded :
- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Memory Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Memory Limit Exceeded :
  - Test 35 - Memory Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Memory Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :

- Test 39 - Memory Limit Exceeded :

- Subtask 4 - Unaccepted
  - Test 40 - Memory Limit Exceeded :
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Memory Limit Exceeded :
  - Test 48 - Memory Limit Exceeded :
  - Test 49 - Memory Limit Exceeded :

Submission 132042400

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/28 15:14:24	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
    long long n;
         int m,i,start,end,t,s;
    int a[10000001],flag[10000001]={0};
    scanf("%lld %d",&n,&m);
    start=0;
    for(i=0;i<n;i++)
        a[i]=i+1;
    for(s=0;s<n;s++){
        t=0;
        for (i=start; ;i++)
        {
            if (flag[i%n]==0)
            t++;
            if (t==m)
            break;
        }
        i%=n;
        //printf("%d\n",i);
        flag[i]=1;
        if(s==n-1){
          printf("%d ",a[i]);
                   }
        if (s<n-1)
        {
            start=(i+1)%n;
            for (i=start; ;i++)
            {
                if (flag[i%n]==0)
                break;
                else
                start++;
            }
            start%=n;
        }
         }
         return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted

- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Unaccepted
  - Test 30 - Runtime Error :
  - Test 31 - Time Limit Exceeded :
  - Test 32 - Runtime Error :
  - Test 33 - Runtime Error :
  - Test 34 - Runtime Error :
  - Test 35 - Runtime Error :
  - Test 36 - Runtime Error :
  - Test 37 - Runtime Error :
  - Test 38 - Runtime Error :
  - Test 39 - Runtime Error :
- Subtask 4 - Unaccepted
  - Test 40 - Runtime Error :
  - Test 41 - Runtime Error :
  - Test 42 - Runtime Error :
  - Test 43 - Runtime Error :
  - Test 44 - Runtime Error :
  - Test 45 - Runtime Error :
  - Test 46 - Runtime Error :
  - Test 47 - Runtime Error :
  - Test 48 - Runtime Error :
  - Test 49 - Runtime Error :

Submission 132042269

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/28 15:14:06	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
    long long n;
         int m,i,start,end,t,s;
    int a[1000001],flag[1000001]={0};
    scanf("%lld %d",&n,&m);
    start=0;
    for(i=0;i<n;i++)
        a[i]=i+1;
    for(s=0;s<n;s++){
        t=0;
        for (i=start; ;i++)
        {
            if (flag[i%n]==0)
            t++;
            if (t==m)
            break;
        }
        i%=n;
        //printf("%d\n",i);
        flag[i]=1;
        if(s==n-1){
          printf("%d ",a[i]);
                    }
        if (s<n-1)
        {
            start=(i+1)%n;
            for (i=start; ;i++)
            {
                if (flag[i%n]==0)
                break;
                else
                start++;
            }
            start%=n;
        }
         }
         return 0;
}
```

Test Detail

- Subtask 0 - Accepted

- Test 0 - Accepted : ok accepted
- Test 1 - Accepted : ok accepted
- Test 2 - Accepted : ok accepted
- Test 3 - Accepted : ok accepted
- Test 4 - Accepted : ok accepted
- Test 5 - Accepted : ok accepted
- Test 6 - Accepted : ok accepted
- Test 7 - Accepted : ok accepted
- Test 8 - Accepted : ok accepted
- Test 9 - Accepted : ok accepted

- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Unaccepted
  - Test 30 - Runtime Error :
  - Test 31 - Runtime Error :
  - Test 32 - Runtime Error :
  - Test 33 - Runtime Error :
  - Test 34 - Runtime Error :
  - Test 35 - Runtime Error :
  - Test 36 - Runtime Error :
  - Test 37 - Runtime Error :
  - Test 38 - Runtime Error :
  - Test 39 - Runtime Error :
- Subtask 4 - Unaccepted
  - Test 40 - Runtime Error :
  - Test 41 - Runtime Error :
  - Test 42 - Runtime Error :
  - Test 43 - Runtime Error :
  - Test 44 - Runtime Error :
  - Test 45 - Runtime Error :
  - Test 46 - Runtime Error :
  - Test 47 - Runtime Error :
  - Test 48 - Runtime Error :
  - Test 49 - Runtime Error :

Submission 132041890

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/28 15:13:04	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int main()
{
    int n,m,i,start,end,t,s;
    int a[100001],flag[100001]={0};
    scanf("%d %d",&n,&m);
    start=0;
    for(i=0;i<n;i++)
        a[i]=i+1;
    for(s=0;s<n;s++){
        t=0;
        for (i=start; ;i++)
        {
            if (flag[i%n]==0)
            t++;
            if (t==m)
            break;
        }
        i%=n;
        //printf("%d\n",i);
        flag[i]=1;
        if(s==n-1){
          printf("%d ",a[i]);
                  }
        if (s<n-1)
        {
            start=(i+1)%n;
            for (i=start; ;i++)
            {
                if (flag[i%n]==0)
                break;
                else
                start++;
            }
            start%=n;
        }
         }
         return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Unaccepted
  - Test 20 - Runtime Error :
  - Test 21 - Runtime Error :
  - Test 22 - Runtime Error :
  - Test 23 - Runtime Error :
  - Test 24 - Runtime Error :
  - Test 25 - Runtime Error :
  - Test 26 - Runtime Error :
  - Test 27 - Runtime Error :
  - Test 28 - Runtime Error :
  - Test 29 - Runtime Error :
- Subtask 3 - Unaccepted
  - Test 30 - Runtime Error :
  - Test 31 - Runtime Error :
  - Test 32 - Runtime Error :
  - Test 33 - Runtime Error :
  - Test 34 - Runtime Error :
  - Test 35 - Runtime Error :
  - Test 36 - Runtime Error :
  - Test 37 - Runtime Error :
  - Test 38 - Runtime Error :
  - Test 39 - Runtime Error :

- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer Too short on line 1.
  - Test 41 - Runtime Error :
  - Test 42 - Runtime Error :
  - Test 43 - Runtime Error :
  - Test 44 - Runtime Error :
  - Test 45 - Runtime Error :
  - Test 46 - Runtime Error :
  - Test 47 - Wrong Answer : wrong answer Too short on line 1.
  - Test 48 - Wrong Answer : wrong answer Too short on line 1.
  - Test 49 - Wrong Answer : wrong answer Too short on line 1.

Submission 132041750

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/28 15:12:39	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include<stdio.h>
int main()
{
    int n,m,i,start,end,t,s;
    int a[1001],flag[1001]={0};
    scanf("%d %d",&n,&m);
    start=0;
    for(i=0;i<n;i++)
        a[i]=i+1;
    for(s=0;s<n;s++){
        t=0;
        for (i=start; ;i++)
        {
            if (flag[i%n]==0)
            t++;
            if (t==m)
            break;
        }
        i%=n;
        //printf("%d\n",i);
        flag[i]=1;
        if(s==n-1){
          printf("%d ",a[i]);
                  }
        if (s<n-1)
        {
            start=(i+1)%n;
            for (i=start; ;i++)
            {
                if (flag[i%n]==0)
                break;
                else
                start++;
            }
            start%=n;
        }
          }
          return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Time Limit Exceeded :
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Time Limit Exceeded :
  - Test 15 - Accepted : ok accepted
  - Test 16 - Time Limit Exceeded :
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Time Limit Exceeded :
- Subtask 2 - Unaccepted
  - Test 20 - Runtime Error :

- Test 21 - Runtime Error :
- Test 22 - Runtime Error :
- Test 23 - Runtime Error :
- Test 24 - Runtime Error :
- Test 25 - Runtime Error :
- Test 26 - Runtime Error :
- Test 27 - Runtime Error :
- Test 28 - Runtime Error :
- Test 29 - Runtime Error :

- Subtask 3 - Unaccepted
  - Test 30 - Runtime Error :
  - Test 31 - Runtime Error :
  - Test 32 - Runtime Error :
  - Test 33 - Runtime Error :
  - Test 34 - Runtime Error :
  - Test 35 - Runtime Error :
  - Test 36 - Runtime Error :
  - Test 37 - Runtime Error :
  - Test 38 - Runtime Error :
  - Test 39 - Runtime Error :
- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer Too short on line 1.
  - Test 41 - Runtime Error :
  - Test 42 - Runtime Error :
  - Test 43 - Runtime Error :
  - Test 44 - Runtime Error :
  - Test 45 - Runtime Error :
  - Test 46 - Runtime Error :
  - Test 47 - Wrong Answer : wrong answer Too short on line 1.
  - Test 48 - Wrong Answer : wrong answer Too short on line 1.
  - Test 49 - Wrong Answer : wrong answer Too short on line 1.

Submission 131920770

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:42:01	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <iostream>
using namespace std;
using ll = long long;

ll josephus(ll n, ll m) {
    ll result = 0;
    for (ll i = 2; i <= n; ++i) result = (result + m) % i;
    return result + 1;
}

int main() {
    ll x, n;
    cin >> x >> n;
    cout << josephus(x, n) << endl;
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted

- Test 22 - Accepted : ok accepted
- Test 23 - Accepted : ok accepted
- Test 24 - Accepted : ok accepted
- Test 25 - Accepted : ok accepted
- Test 26 - Accepted : ok accepted
- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 131920282

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:39:54	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <iostream>
using namespace std;
using ll = long long;
ll josephus(int n, int m) {
    ll result = 0;
    for (ll i = 2; i <= n; ++i) result = (result + m) % i;
    return result + 1;
}

int main() {
    ll x, n;
    cin >> x >> n;
    cout << josephus(x, n) << endl;
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted

- Test 23 - Accepted : ok accepted
- Test 24 - Accepted : ok accepted
- Test 25 - Accepted : ok accepted
- Test 26 - Accepted : ok accepted
- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 7.
  - Test 48 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 49 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.

Submission 131918238

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:31:55	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <iostream>
using namespace std;

int josephus(int n, int m) {
    int result = 0;
    for (int i = 2; i <= n; ++i) result = (result + m) % i;
    return result + 1;
}

int main() {
    int x, n;
    cin >> x >> n;
    cout << josephus(x, n) << endl;
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted

- Test 24 - Accepted : ok accepted
- Test 25 - Accepted : ok accepted
- Test 26 - Accepted : ok accepted
- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 131917837

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:30:24	Who is the Last	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    long long n, m;
    cin >> n >> m;
    vector<long long> v(n);
    for (long long i = 0; i < n; ++i) v[i] = i + 1;
    for (long long i = n, j = 0; i > 0; --i) {
        j = (j + m - 1) % i;
        if (i == 1) cout << v[j];
        v.erase(v.begin() + j);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Unaccepted
  - Test 20 - Time Limit Exceeded :
  - Test 21 - Time Limit Exceeded :
  - Test 22 - Time Limit Exceeded :
  - Test 23 - Time Limit Exceeded :

- Test 24 - Time Limit Exceeded :
- Test 25 - Time Limit Exceeded :
- Test 26 - Time Limit Exceeded :
- Test 27 - Time Limit Exceeded :
- Test 28 - Accepted : ok accepted
- Test 29 - Time Limit Exceeded :

- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Time Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Memory Limit Exceeded :
  - Test 35 - Memory Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Memory Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Runtime Error :
  - Test 41 - Runtime Error :
  - Test 42 - Runtime Error :
  - Test 43 - Runtime Error :
  - Test 44 - Runtime Error :
  - Test 45 - Runtime Error :
  - Test 46 - Runtime Error :
  - Test 47 - Runtime Error :
  - Test 48 - Runtime Error :
  - Test 49 - Runtime Error :

Submission 131917508

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:29:08	Who is the Last	C++14(GCC 9)	Unaccepted

Code

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

int main() {
    int n, m;
    cin >> n >> m;
    vector<int> v(n);
    for (int i = 0; i < n; ++i) v[i] = i + 1;
    for (int i = n, j = 0; i > 0; --i) {
        j = (j + m - 1) % i;
        if (i == 1) cout << v[j];
        v.erase(v.begin() + j);
    }

    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Unaccepted
  - Test 20 - Time Limit Exceeded :
  - Test 21 - Time Limit Exceeded :
  - Test 22 - Time Limit Exceeded :
  - Test 23 - Accepted : ok accepted

- Test 24 - Time Limit Exceeded :
- Test 25 - Time Limit Exceeded :
- Test 26 - Time Limit Exceeded :
- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Time Limit Exceeded :

- Subtask 3 - Unaccepted
  - Test 30 - Time Limit Exceeded :
  - Test 31 - Time Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Time Limit Exceeded :
  - Test 35 - Time Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Time Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Memory Limit Exceeded :
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Memory Limit Exceeded :
  - Test 48 - Memory Limit Exceeded :
  - Test 49 - Memory Limit Exceeded :

Submission 131915224

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:20:48	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <cstdio>
#include <iostream>
using namespace std;

int main() {
    int m, n;
    cin >> n >> m;
    int location(0);
    for (int q = 2; q < n + 1; q++) {
        location = (location + m) % q;
    }
    location++;
    cout << location;
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted

- Test 25 - Accepted : ok accepted
- Test 26 - Accepted : ok accepted
- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Accepted
  - Test 30 - Accepted : ok accepted
  - Test 31 - Accepted : ok accepted
  - Test 32 - Accepted : ok accepted
  - Test 33 - Accepted : ok accepted
  - Test 34 - Accepted : ok accepted
  - Test 35 - Accepted : ok accepted
  - Test 36 - Accepted : ok accepted
  - Test 37 - Accepted : ok accepted
  - Test 38 - Accepted : ok accepted
  - Test 39 - Accepted : ok accepted
- Subtask 4 - Unaccepted
  - Test 40 - Time Limit Exceeded :
  - Test 41 - Time Limit Exceeded :
  - Test 42 - Time Limit Exceeded :
  - Test 43 - Time Limit Exceeded :
  - Test 44 - Time Limit Exceeded :
  - Test 45 - Time Limit Exceeded :
  - Test 46 - Time Limit Exceeded :
  - Test 47 - Time Limit Exceeded :
  - Test 48 - Time Limit Exceeded :
  - Test 49 - Time Limit Exceeded :

Submission 131914574

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:18:16	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```cpp
#include <cstdio>
#include <iostream>
using namespace std;
int joseph(int n, int m) { return n == 1 ? 0 : (joseph(n - 1, m) + m) % n; }
int main() {
    int m, n;
    cin >> n >> m;
    cout << joseph(n, m) + 1;
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Accepted : ok accepted
  - Test 16 - Accepted : ok accepted
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Unaccepted

- Test 30 - Memory Limit Exceeded :
- Test 31 - Memory Limit Exceeded :
- Test 32 - Memory Limit Exceeded :
- Test 33 - Memory Limit Exceeded :
- Test 34 - Memory Limit Exceeded :
- Test 35 - Memory Limit Exceeded :
- Test 36 - Memory Limit Exceeded :
- Test 37 - Memory Limit Exceeded :
- Test 38 - Memory Limit Exceeded :
- Test 39 - Memory Limit Exceeded :

- Subtask 4 - Unaccepted
  - Test 40 - Memory Limit Exceeded :
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Memory Limit Exceeded :
  - Test 48 - Memory Limit Exceeded :
  - Test 49 - Memory Limit Exceeded :

Submission 131913089

User	Time	Problem	Language	Verdict
Cha_rles	2023/10/27 21:12:37	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```
#include <bits/stdc++.h>
#define ll long long
#define mod int(1e9 + 7)
using namespace std;

typedef struct Node {
    int v;
    struct Node* next;
} node;

int x, n;

node* create() {
    node* head = (node*)malloc(sizeof(node));
    node* p = head;
    p->next = NULL;
    p->v = 0;
    int num = 1;
    do {
        node* q = (node*)malloc(sizeof(node));
        q->v = num++;
        q->next = NULL;
        p->next = q;
        p = q;
    } while (num <= x);
    p->next = head->next;
    return head;
}

int solve(node* head) {
    node* p = head->next;
    node* tmp = p;
    while (p != p->next) {
        for (int i = 1; i < n; ++i) {
            tmp = p;
            p = p->next;
        }
        // cout << p->v << ' ';
        tmp->next = p->next;
        p = p->next;
    }
    return p->v;
}

int main() {
    ios::sync_with_stdio(false);
    cin.tie(NULL);
    cout.tie(NULL);
    cin >> x >> n;
    node* head = create();
    cout << solve(head);
    return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted

    - Test 2 - Accepted : ok accepted
    - Test 3 - Accepted : ok accepted
    - Test 4 - Accepted : ok accepted
    - Test 5 - Accepted : ok accepted
    - Test 6 - Accepted : ok accepted
    - Test 7 - Accepted : ok accepted
    - Test 8 - Accepted : ok accepted
    - Test 9 - Accepted : ok accepted
- Subtask 1 - Unaccepted
    - Test 10 - Accepted : ok accepted
    - Test 11 - Accepted : ok accepted
    - Test 12 - Accepted : ok accepted
    - Test 13 - Accepted : ok accepted
    - Test 14 - Accepted : ok accepted
    - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 3.
    - Test 16 - Wrong Answer : wrong answer Too short on line 1.
    - Test 17 - Accepted : ok accepted
    - Test 18 - Accepted : ok accepted
    - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
    - Test 20 - Accepted : ok accepted
    - Test 21 - Accepted : ok accepted
    - Test 22 - Accepted : ok accepted
    - Test 23 - Accepted : ok accepted
    - Test 24 - Accepted : ok accepted
    - Test 25 - Accepted : ok accepted
    - Test 26 - Accepted : ok accepted
    - Test 27 - Accepted : ok accepted
    - Test 28 - Accepted : ok accepted
    - Test 29 - Accepted : ok accepted
- Subtask 3 - Unaccepted
    - Test 30 - Memory Limit Exceeded :
    - Test 31 - Memory Limit Exceeded :
    - Test 32 - Memory Limit Exceeded :
    - Test 33 - Memory Limit Exceeded :
    - Test 34 - Memory Limit Exceeded :
    - Test 35 - Memory Limit Exceeded :
    - Test 36 - Memory Limit Exceeded :
    - Test 37 - Memory Limit Exceeded :
    - Test 38 - Memory Limit Exceeded :
    - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
    - Test 40 - Memory Limit Exceeded :
    - Test 41 - Memory Limit Exceeded :
    - Test 42 - Memory Limit Exceeded :
    - Test 43 - Memory Limit Exceeded :
    - Test 44 - Memory Limit Exceeded :
    - Test 45 - Memory Limit Exceeded :
    - Test 46 - Memory Limit Exceeded :
    - Test 47 - Memory Limit Exceeded :
    - Test 48 - Memory Limit Exceeded :
    - Test 49 - Memory Limit Exceeded :

Submission 131475719

User	Time	Problem	Language	Verdict
CorLeoneEF	2023/10/25 10:30:16	Who is the Last	C++14(GCC 9)	Unaccepted

Code

```c
#include<stdio.h>
int x,n,i,j,flag;
int main()
{
	scanf("%d%d",&x,&n);
	int a[x+1];
	for(i=1;i<=x;i++){
		a[i]=1;
	}
	flag=x;
	while(flag>=2){
		for(i=1;i<=x;i++){
			if(flag==1){
				break;
		    }
			if(a[i]==1){
				int sum=0;
				for(j=1;j<=n-1;){
					sum++;
					if(i+sum>x){
						i-=x;
					}
					if(a[i+sum]==1&&j==n-1){
						a[i+sum]=0;
						flag--;
						if(flag==1){
							break;
						}
					}
					if(a[i+sum]==1){
						j++;
					}
//					if(j==n-1){
//						a[i+sum]=0;
//						flag--;
//						if(flag==1){
//							break;
//						}
//					}
				}
			}
		}
	}
	for(i=1;i<=x;i++){
		if(a[i]==1){
			printf("%d",i);
		}
	}
	return 0;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 10 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 7, expected 1.
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 1.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 1.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 4.
  - Test 15 - Time Limit Exceeded :
  - Test 16 - Time Limit Exceeded :
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 9, expected 2.
  - Test 18 - Wrong Answer : wrong answer Too short on line 1.
  - Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 9, expected 4.
- Subtask 2 - Unaccepted
  - Test 20 - Wrong Answer : wrong answer Too short on line 1.
  - Test 21 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 3.
  - Test 22 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 4.
  - Test 23 - Wrong Answer : wrong answer On line 1 column 1, read 8, expected 4.
  - Test 24 - Wrong Answer : wrong answer Too short on line 1.
  - Test 25 - Wrong Answer : wrong answer On line 1 column 1, read 8, expected 7.
  - Test 26 - Wrong Answer : wrong answer On line 1 column 1, read 8, expected 1.
  - Test 27 - Wrong Answer : wrong answer On line 1 column 1, read 7, expected 1.
  - Test 28 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 5.
  - Test 29 - Wrong Answer : wrong answer On line 1 column 1, read 7, expected 2.
- Subtask 3 - Unaccepted
  - Test 30 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 1.

- Test 31 - Wrong Answer : wrong answer On line 1 column 1, read 8, expected 3.
- Test 32 - Memory Limit Exceeded :
- Test 33 - Memory Limit Exceeded :
- Test 34 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 1.
- Test 35 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 1.
- Test 36 - Memory Limit Exceeded :
- Test 37 - Wrong Answer : wrong answer On line 1 column 1, read 9, expected 1.
- Test 38 - Memory Limit Exceeded :
- Test 39 - Memory Limit Exceeded :

- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer Too short on line 1.
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Wrong Answer : wrong answer Too short on line 1.
  - Test 48 - Wrong Answer : wrong answer Too short on line 1.
  - Test 49 - Wrong Answer : wrong answer Too short on line 1.

Submission 131295208

User	Time	Problem	Language	Verdict
Zyh18970141507	2023/10/23 23:54:47	Who is the Last	C	Unaccepted

Code

```c
#include <stdio.h>
#include <stdlib.h>
typedef struct linkList
{
    int position;
    struct linkList *next;
} linkList, *pList;
pList insert();

int main()
{
    pList head = insert();
    if(head == NULL)
    {
        printf("1");
        return 0;
    }
    int interval, count = 1;
    scanf("%d", &interval);
    if(interval == 1)
    {
        pList temp = head;
        while(temp->next != head)
        {
            temp = temp->next;
        }
        printf("%d", temp->position);
        return 0;
    }
    interval--;
    while (head->next != head)
    {
        if (count % interval == 0)
        {
            pList next = head->next;
            head->next = next->next;
            head = next->next;
        }
        else
            head = head->next;
        count++;
    }
    printf("%d", head->position);
}

pList insert()
{
    int total;
    scanf("%d,", &total);
    if(total == 1)
        return NULL;
    int N = 1;
    pList head = NULL, tail = NULL;
    while (N <= total)
    {
        pList newNode = (pList)malloc(sizeof(linkList));
        newNode->position = N;
        newNode->next = head;
        if (head == NULL)
        {
            head = newNode;
            tail = newNode;
        }
        else
        {
            tail->next = newNode;
            tail = newNode;
        }
        N++;
    }
    return head;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Accepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted

- Test 14 - Accepted : ok accepted
- Test 15 - Accepted : ok accepted
- Test 16 - Accepted : ok accepted
- Test 17 - Accepted : ok accepted
- Test 18 - Accepted : ok accepted
- Test 19 - Accepted : ok accepted

- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted
  - Test 28 - Accepted : ok accepted
  - Test 29 - Accepted : ok accepted
- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Memory Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Memory Limit Exceeded :
  - Test 35 - Memory Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Memory Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 7.
  - Test 48 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 49 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.

Submission 131294963

User	Time	Problem	Language	Verdict
Zyh18970141507	2023/10/23 23:51:49	Who is the Last	C	Unaccepted

Code

```c
#include <stdio.h>
#include <stdlib.h>
typedef struct linkList
{
    int position;
    struct linkList *next;
} linkList, *pList;
pList insert();

int main()
{
    pList head = insert();
    if(head == NULL)
    {
        printf("1");
        return 0;
    }
    int interval, count = 1;
    scanf("%d", &interval);
    interval--;
    while (head->next != head)
    {
        if (count % interval == 0)
        {
            pList next = head->next;
            head->next = next->next;
            head = next->next;
        }
        else
            head = head->next;
        count++;
    }
    printf("%d", head->position);
}

pList insert()
{
    int total;
    scanf("%d,", &total);
    if(total == 1)
        return NULL;
    int N = 1;
    pList head = NULL, tail = NULL;
    while (N <= total)
    {
        pList newNode = (pList)malloc(sizeof(linkList));
        newNode->position = N;
        newNode->next = head;
        if (head == NULL)
        {
            head = newNode;
            tail = newNode;
        }
        else
        {
            tail->next = newNode;
            tail = newNode;
        }
        N++;
    }
    return head;
}
```

Test Detail

- Subtask 0 - Accepted
  - Test 0 - Accepted : ok accepted
  - Test 1 - Accepted : ok accepted
  - Test 2 - Accepted : ok accepted
  - Test 3 - Accepted : ok accepted
  - Test 4 - Accepted : ok accepted
  - Test 5 - Accepted : ok accepted
  - Test 6 - Accepted : ok accepted
  - Test 7 - Accepted : ok accepted
  - Test 8 - Accepted : ok accepted
  - Test 9 - Accepted : ok accepted
- Subtask 1 - Unaccepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted

- Test 22 - Accepted : ok accepted
- Test 23 - Accepted : ok accepted
- Test 24 - Accepted : ok accepted
- Test 25 - Accepted : ok accepted
- Test 26 - Accepted : ok accepted
- Test 27 - Accepted : ok accepted
- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Memory Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Memory Limit Exceeded :
  - Test 35 - Memory Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Memory Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 7.
  - Test 48 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 49 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 5.

Submission 131293849

User	Time	Problem	Language	Verdict
Zyh18970141507	2023/10/23 23:39:29	Who is the Last	C	Unaccepted

Code

```c
#include <stdio.h>
#include <stdlib.h>
typedef struct linkList
{
    int position;
    struct linkList *next;
} linkList, *pList;
pList insert();

int main()
{
    pList head = insert();
    int interval, count = 1;
    scanf("%d", &interval);
    interval--;
    while (head->next != head)
    {
        if (count % interval == 0)
        {
            pList next = head->next;
            head->next = next->next;
            head = next->next;
        }
        else
            head = head->next;
        count++;
    }
    printf("%d", head->position);
}

pList insert()
{
    int total;
    scanf("%d", &total);
    int N = 1;
    pList head = NULL, tail = NULL;
    while (N <= total)
    {
        pList newNode = (pList)malloc(sizeof(linkList));
        newNode->position = N;
        newNode->next = head;
        if (head == NULL)
        {
            head = newNode;
            tail = newNode;
        }
        else
        {
            tail->next = newNode;
            tail = newNode;
        }
        N++;
    }
    return head;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 10 - Accepted : ok accepted
  - Test 11 - Accepted : ok accepted
  - Test 12 - Accepted : ok accepted
  - Test 13 - Accepted : ok accepted
  - Test 14 - Accepted : ok accepted
  - Test 15 - Runtime Error :
  - Test 16 - Runtime Error :
  - Test 17 - Accepted : ok accepted
  - Test 18 - Accepted : ok accepted
  - Test 19 - Accepted : ok accepted
- Subtask 2 - Accepted
  - Test 20 - Accepted : ok accepted
  - Test 21 - Accepted : ok accepted
  - Test 22 - Accepted : ok accepted
  - Test 23 - Accepted : ok accepted
  - Test 24 - Accepted : ok accepted
  - Test 25 - Accepted : ok accepted
  - Test 26 - Accepted : ok accepted
  - Test 27 - Accepted : ok accepted

- Test 28 - Accepted : ok accepted
- Test 29 - Accepted : ok accepted

- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Memory Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Memory Limit Exceeded :
  - Test 35 - Memory Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Memory Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Runtime Error :
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Runtime Error :
  - Test 48 - Runtime Error :
  - Test 49 - Runtime Error :

Submission 131293725

User	Time	Problem	Language	Verdict
Zyh18970141507	2023/10/23 23:38:32	Who is the Last	C	Unaccepted

Code

```c
#include <stdio.h>
#include <stdlib.h>
typedef struct linkList
{
    int position;
    struct linkList *next;
} linkList, *pList;
pList insert();

int main()
{
    pList head = insert();
    int interval, count = 1;
    scanf("%d", &interval);
    while (head->next != head)
    {
        if (count % interval == 0)
        {
            pList next = head->next;
            head->next = next->next;
            head = next->next;
        }
        else
            head = head->next;
        count++;
    }
    printf("%d", head->position);
}

pList insert()
{
    int total;
    scanf("%d", &total);
    int N = 1;
    pList head = NULL, tail = NULL;
    while (N <= total)
    {
        pList newNode = (pList)malloc(sizeof(linkList));
        newNode->position = N;
        newNode->next = head;
        if (head == NULL)
        {
            head = newNode;
            tail = newNode;
        }
        else
        {
            tail->next = newNode;
            tail = newNode;
        }
        N++;
    }
    return head;
}
```

Test Detail

- Subtask 0 - Unaccepted
  - Test 0 - Runtime Error :
  - Test 1 - Runtime Error :
  - Test 2 - Runtime Error :
  - Test 3 - Runtime Error :
  - Test 4 - Runtime Error :
  - Test 5 - Runtime Error :
  - Test 6 - Runtime Error :
  - Test 7 - Runtime Error :
  - Test 8 - Runtime Error :
  - Test 9 - Runtime Error :
- Subtask 1 - Unaccepted
  - Test 10 - Wrong Answer : wrong answer On line 1 column 2, read 4, expected 9.
  - Test 11 - Wrong Answer : wrong answer On line 1 column 1, read 2, expected 1.
  - Test 12 - Wrong Answer : wrong answer On line 1 column 1, read 4, expected 1.
  - Test 13 - Wrong Answer : wrong answer On line 1 column 2, read 2, expected 6.
  - Test 14 - Wrong Answer : wrong answer On line 1 column 1, read 8, expected 4.
  - Test 15 - Wrong Answer : wrong answer On line 1 column 1, read 2, expected 3.
  - Test 16 - Wrong Answer : wrong answer On line 1 column 1, read 6, expected 1.
  - Test 17 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 2.
  - Test 18 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 6.
  - Test 19 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
- Subtask 2 - Unaccepted
  - Test 20 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
  - Test 21 - Wrong Answer : wrong answer On line 1 column 1, read 5, expected 3.
  - Test 22 - Wrong Answer : wrong answer On line 1 column 1, read 2, expected 4.
  - Test 23 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 4.
  - Test 24 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 2.
  - Test 25 - Wrong Answer : wrong answer On line 1 column 1, read 3, expected 7.
  - Test 26 - Wrong Answer : wrong answer On line 1 column 1, read 2, expected 1.
  - Test 27 - Wrong Answer : wrong answer On line 1 column 1, read 7, expected 1.
  - Test 28 - Wrong Answer : wrong answer On line 1 column 1, read 9, expected 5.
  - Test 29 - Wrong Answer : wrong answer On line 1 column 1, read 1, expected 2.
- Subtask 3 - Unaccepted
  - Test 30 - Memory Limit Exceeded :
  - Test 31 - Memory Limit Exceeded :
  - Test 32 - Memory Limit Exceeded :
  - Test 33 - Memory Limit Exceeded :
  - Test 34 - Memory Limit Exceeded :
  - Test 35 - Memory Limit Exceeded :
  - Test 36 - Memory Limit Exceeded :
  - Test 37 - Memory Limit Exceeded :
  - Test 38 - Memory Limit Exceeded :
  - Test 39 - Memory Limit Exceeded :
- Subtask 4 - Unaccepted
  - Test 40 - Runtime Error :
  - Test 41 - Memory Limit Exceeded :
  - Test 42 - Memory Limit Exceeded :
  - Test 43 - Memory Limit Exceeded :
  - Test 44 - Memory Limit Exceeded :
  - Test 45 - Memory Limit Exceeded :
  - Test 46 - Memory Limit Exceeded :
  - Test 47 - Runtime Error :
  - Test 48 - Runtime Error :
  - Test 49 - Runtime Error :