Contents

1 Section1

1.1 basic

```cpp
// c++ code
#include <bits/stdc++.h>
using namespace std;

int main() {
    // test comment
    cout << "test string\n";
}
```

2 Section2

2.1 thm

- 中文測試

- $\sum_{i=1}^{n} i^2 = \frac{n(n+1)(2n+1)}{6}$

3 Section3 Math

3.1 GCD

```cpp
#include<bits/stdc++.h>
using namespace std;
int GCD(int x,int y){
    while(y != 0){
        return GCD(y,x%y);
    }
    return x;
}

int main(){
    int a,b;
    cin>>a>>b;
    int gcd = GCD(a,b);
    int lcm = a*b/gcd;

    cout<<"最大公因數為："<<gcd<<'\n';
    cout<<"最小公倍數為："<<lcm<<'\n';
    return 0;
}
```

4 Section4 String