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## 1 Section1

### 1.1 basic

```
1 // c++ code
2 #include <bits/stdc++.h>
3 using namespace std;
4
5 int main() {
6     // test comment
7     cout << "test string\n";
8 }
```

## 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

```
1 #include<bits/stdc++.h>
2 using namespace std;
3 int GCD(int x,int y){
4     while(y != 0){
5         return GCD(y,x%y);
6     }
7     return x;
8 }
9
10 int main(){
11     int a,b;
12     cin>>a>>b;
13     int gcd = GCD(a,b);
14     int lcm = a*b/gcd;
15
16     cout<<"最大公因數為: "<<gcd<<'\\n';
17     cout<<"最小公倍數為: "<<lcm<<'\\n';
18     return 0;
19 }
```