- Exercise

In this lesson, you will use assertations to ensure that the algorithm only accepts natural numbers.

> **WE'LL COVER THE FOLLOWING** ∧
>
> - Task

Task

Ensure that the algorithm `gcd` only accepts natural numbers. Test your algorithm.

```cpp
// C++ 14
#include <iostream>
using namespace std;
template<typename T> T gcd(T a, T b){
  if( b == 0 ){
    return a;
  }
  else{
    return gcd(b, a % b);
  }
}
int main(){
  return 0;
}
```

The solution is available in the next lesson.