## - Exercise

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

```
we'll cover the following ^
```

## Task #

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

```
// 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.