1. **Swap Two Numbers Without Using a Third Variable**
2. **Check if a Number is Power of Two Without Using Loops or Recursion**
3. **Multiply Two Numbers Without Using \*, /, or % Operators**
4. **Reverse a Number Without Using Strings or Arrays**
5. **Find the Nth Digit in a Continuous Sequence: 123456789101112…**
6. **Count Total Set Bits in an Integer Without Built-in Functions**
7. **Find GCD (Greatest Common Divisor) Using Recursion Only**
8. **Print All Armstrong Numbers Between 1 to 1000 Without Using Lists**
9. **Check If a Number is a Palindrome Without Using Extra Space**
10. **Convert a Decimal Number to Binary (as a string) Without Using Built-ins**