**Problem Statement 2:** Multiply two numbers using Ethiopian Multiplication

Ethiopian Multiplication is an ancient method to calculate product of two numbers.

In this type of multiplication, first number will be halved and it will take only floor value and repeats this until it comes 1 and second number will be doubled till where first number column is ended. If any even numbers in first column, next to that element in second column will be neglected. Remaining numbers will be added and that is the result which we want.

For example, if we take 12 and 13 then the result will be 156

|  |  |
| --- | --- |
| Expected Input | Expected Output |
|  |  |

**Pseudo Code**

**Trace Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Expected Input | Expected Output | Actual Output | Test Result |
|  |  |  |  |

**Final Result**

**Expected Inputs and Outputs**