Whe : every expression has a type + value - This includes assignments! Warning: don't confuse = with ==. f(x==a)if (x=9) (1/this will always happen! Wy? Dx=a has value 9. 2) When treating integers as booleans, 0 = folse evrythly = true. Exercise: read 2 integers n, m and print a n x m rectangle of 'x' to stdout. 2 5. if N=2, M=3, should print ** * suchutes

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to cin! int n, m; (in >> n >> m; /= (in >> n) >> m;

```
for (int i = 0; i < n; i++) {
          11 print a row of m 'x's.
         } cout << 'n'; // and of row.
Exercise: Compute the Treatest Connon
     divisor of two non-negative integers. (E, g, gcd(9, 6) = 3. gcd(23, 15) = 1
  Idea: "brute force" approach.
 5 ay inputs we called n, m.
Range of possible values for gcd(n, m)
            = \{1, 2, \ldots, \min(n, m)\}.
  Bodeun expr. to check if d is a common divisor of n, m:
           (n&d == 0 && m&d ==0)
 Now we want to find the largest take
 of a that satisfies this test.
```