**Algorithm 1:** An algorithm.

```
Data: n ≥ 0
Result: y = x^n
y ← 1;
X ← x;
N ← n;
while N ≠ 0 do
    if N is even then
        X ← X × X;
        N ← N/2 ;                          /*This is a comment*/
    else
        if N is odd then
            y ← y × X;
            N ← N − 1;
        end
    end
end
```