

Algorithm .1: Integer division.

```
1  input: int N, int D
2  output: int
3  begin
4      res  $\leftarrow$  0
5      while  $N \geq D$ 
6          N  $\leftarrow$  N - D
7          res  $\leftarrow$  res + 1
8      end
9      return res
10 end
```
