**Coding challenge**

Complete the following **declarative macros** so that the following Rust produces the desired outputs:

1. **printdupln!**

****A macro to print repeated text, based on a specified quantity, e.g.

**fn** main**()** **{**

printdupln!**(**"Hello"**,** 3**);**

printdupln!**(**"Nope"**,** 2**);**

**}**

HelloHelloHello

Nope!Nope!

STDOUT

**Design notes**

* HelHelpful hint (from Rust 1.16):

<https://doc.rust-lang.org/std/primitive.str.html#method.repeat>

1. **smallest!**

A macro to return the minimum value stored in an array.

**fn** main**()** **{**

**let** data:[i32;4] = [10, -7, 4, 0];

println!("{}", smallest!(data));

**let** letters:[char;5] = ['X', 'C', 'Z', 'K', 'P'];

println!("{}", smallest!(letters));

**}**

****

STDOUT

-7  
C