What ends up in the binary?

and why should I care?

Hello, source!
who is *this* for?

```rust
fn main() {
    println!("Hello, world!");
}
```

Source code

- made for humans

- concept for making larger problems tractable

- can't be executed - must be translated first

Compiler

- let's take a look…

Compiler

- produces *object files*

Executable?

- let's take a look…

Linker

- the horror 💀

- creates final product - library/executable

A little quiz

The STM32F103 microcontroller has 20K RAM, 64K flash.
My firmware/program is 10K big.
How much RAM do I have left available when my program enters its main()
function?

a) 10K
b) 20K
c) 56K
d) 74K
e) None of the above
f) it depends