```
#show "ArtosFlow": name => box[
  #box(image(
    "logo.svg",
    height: 0.7em,
  ))
  #name
]

This report is embedded in the
ArtosFlow project. ArtosFlow is a
project of the Artos Institute.
```

```
  I |
 II |
III |  // Function that returns a boolean value
 IV |  fn is_divisible_by(lhs: u32, rhs: u32) -> bool {
  V |      // Corner case, early return
 VI |      if rhs == 0 {
VII |          return false;
VIII |     }
 IX |
  X |      // This is an expression, the `return` keyword is not necessary here
 XI |      lhs % rhs == 0
XII |  }
XIII |
XIV |
```

```
// Functions that "don't" return a value, actually return
the unit type `()`
fn fizzbuzz(n: u32) -> () {
    if is_divisible_by(n, 15) {
        println!("fizzbuzz");
    } else if is_divisible_by(n, 3) {
        println!("fizz");
    } else if is_divisible_by(n, 5) {
        println!("buzz");
    } else {
        println!("{}", n);
    }
}
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum

```
// When a function returns `()`, the return type can be omitted from the  ← (1)
// signature                                                               ← (2)
fn fizzbuzz_to(n: u32) {                                                   ← (3)
    for n in 1..=n {                                                       ← (4)
        fizzbuzz(n);                                                       ← (5)
    }                                                                      ← (6)
}                                                                          ← (7)
```