

Programmblock 1: An example Rust program

```
1  /// The main function
2  pub fn main() -> Result<char> {
3      let name: &str = "World";
4      // Prints 'Hello, World!' to stdout
5      println!("Hello, {}!", name);
6      /*
7          Return the char 'x'
8          because this is a bad example
9      */
10     'x'
11 }
```

A shorter example from inside the \LaTeX code

```
1  let mut vector = vec![1, 2, 3u8];
2  vector.push(4);
```

References to things like `u8` or `mut` inside text.