Rust Notes

Tianyi Shi

2020-02-29

Contents

```rust
fn main() {
    let number_list = vec![34, 50, 25, 100, 65];

    print_max(&number_list);
    print_max_1(&number_list);
    print_max_2(number_list)
}

fn print_max(number_list: &[u16]) {
    let mut largest = &number_list[0];
    for number in number_list.iter() {
        if number > largest {
            largest = number;
        }
    }
    println!("The largest number is {}", largest);
}

fn print_max_1(number_list: &[u16]) {
    let mut largest = &number_list[0];
    for number in number_list {
        if number > largest {
            largest = number;
        }
    }
    println!("The largest number is {}", largest);
}

fn print_max_2(number_list: Vec<u16>) {
    let mut largest = number_list[0];
    for number in number_list {
        if number > largest {
            largest = number;
        }
    }
    println!("The largest number is {}", largest);
}
```