



## **Homework # 1**

**01286120 Elementary Systems Programming**

**Software Engineering Program**

**Faculty of Engineering, KMITL**

By

66010988 Cusson Laohapatanawong

Github link which contains of all my source krub.

<https://github.com/cussonspoon/HW1-for-rust>

Results :

1#

```
PS D:\Software en work\Rust\hw> cargo run --bin main 10
  Finished dev [unoptimized + debuginfo] target(s) in 0.02s
  Running `target\debug\main.exe 10`
Area is 314.15997
```

2#

```
PS D:\Software en work\Rust\hw> cargo run --bin temperature 10
  Finished dev [unoptimized + debuginfo] target(s) in 0.02s
  Running `target\debug\temperature.exe 10`
10°F is -12.222223°C
```

2.3#

```
PS D:\Software en work\Rust\hw> cargo run --bin temp_reverse 10
  Finished dev [unoptimized + debuginfo] target(s) in 0.02s
  Running `target\debug\temp_reverse.exe 10`
10°C is 50°F
```

### 3#

```
PS D:\Software en work\Rust\hw> cargo run --bin player list_players
    Finished dev [unoptimized + debuginfo] target(s) in 0.02s
    Running `target\debug\player.exe list_players`
Player 1 : N/A
Player 2 : N/A
PS D:\Software en work\Rust\hw> cargo run --bin player list_players Mike
    Finished dev [unoptimized + debuginfo] target(s) in 0.02s
    Running `target\debug\player.exe list_players Mike`
Player 1 : Mike
Player 2 : N/A
PS D:\Software en work\Rust\hw> cargo run --bin player list_players Mike Leo
    Finished dev [unoptimized + debuginfo] target(s) in 0.02s
    Running `target\debug\player.exe list_players Mike Leo`
Player 1 : Mike
Player 2 : Leo
PS D:\Software en work\Rust\hw> cargo run --bin player list_players Mike Leo Ralph
    Finished dev [unoptimized + debuginfo] target(s) in 0.02s
    Running `target\debug\player.exe list_players Mike Leo Ralph`
Player 1 : Mike
Player 2 : Leo
PS D:\Software en work\Rust\hw> █
```

### All test program#

```
    Running tests\cli.rs (target\debug\deps\cli-a19f6c215a5ef988.exe)

running 10 tests
test test_temp ... ok
test test_no_player ... ok
test test_no_args_temp_reverse ... ok
test test_no_args ... ok
test test_area ... ok
test test_temp_reverse ... ok
test test_no_args_temp ... ok
test test_onename_player ... ok
test test_morethantwo_name_player ... ok
test test_twoname_player ... ok

test result: ok. 10 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out; finished in 0.04s

PS D:\Software en work\Rust\hw> █
```