Homework #10

01286120 Elementary Systems Programming

Software Engineering Program

Faculty of Engineering, KMITL

By

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1. Write functions that flip lines of text

1.1) Write the function vflip(img) that takes a list of strings img representing ASCII image and flip (reverse) the contents of img vertically.

```
   Compiling questions v0.1.0 (C:\Users\phatt\Desktop\Code Files\Rust\Lab_10\HW\questions)
    Finished test [unoptimized + debuginfo] target(s) in 0.28s
     Running unittests src\main.rs (target\debug\deps\questions-a16f21a19c9ad6d2.exe)

running 1 test
test test_img_flip ... ok

test result: ok. 1 passed; 0 failed; 0 ignored; 0 measured; 1 filtered out; finished in 0.00s
```

1.2) Write the function hflip(img) that takes a list of strings img representing ASCII image and flip (reverse) the contents of img horizontally.

```
   Compiling questions v0.1.0 (C:\Users\phatt\Desktop\Code Files\Rust\Lab_10\HW\questions)
    Finished test [unoptimized + debuginfo] target(s) in 0.28s
     Running unittests src\main.rs (target\debug\deps\questions-a16f21a19c9ad6d2.exe)

running 1 test
test test_img_flip ... ok

test result: ok. 1 passed; 0 failed; 0 ignored; 0 measured; 1 filtered out; finished in 0.00s
```

2. Write functions that concatenate lines of text

2.1) Write the function vcat(img1, img2) that takes a list of strings img1 and img2 representing two ASCII images and concatenate (join) the contents of img1 and img2 vertically.

```
    Finished test [unoptimized + debuginfo] target(s) in 0.00s
     Running unittests src\main.rs (target\debug\deps\questions-a16f21a19c9ad6d2.exe)

running 1 test
test test_img_cat ... ok

test result: ok. 1 passed; 0 failed; 0 ignored; 0 measured; 1 filtered out; finished in 0.00s
```

2.2) Write the function hcat(img1, img2) that takes a list of strings img1 and img2 representing tw

```
    Finished test [unoptimized + debuginfo] target(s) in 0.00s
     Running unittests src\main.rs (target\debug\deps\questions-a16f21a19c9ad6d2.exe)

running 1 test
test test_img_cat ... ok

test result: ok. 1 passed; 0 failed; 0 ignored; 0 measured; 1 filtered out; finished in 0.00s
```