HW2 Programming Problems

Q4.17

How to run

1. open terminal in this directory
2. enter `make` to compile
3. enter `make exec` or `./main` to execute
4. enter `make clean` to clean up (optional)

execution snapshot

```
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/6_33$ make
gcc main.c -lpthread -lm -o main
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/6_33$ make exec
./main
number of points = 1000000
number of points in circle = 786098
Pi = 3.144392
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/6_33$ make clean
rm ./main
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/6_33$
```

Q4.21

How to run

1. open terminal in this directory
2. enter `make` to compile
3. enter `./main <integer between 1 to 30>` to execute
4. enter `make clean` to clean up (optional)

execution snapshot

```
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/4_21$ make
gcc main.c -lpthread -o main
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/4_21$ ./main 20
1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/4_21$ make clean
rm ./main
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/4_21$
```

Q6.33

How to run

1. open terminal in this directory
2. enter `make` to compile
3. enter `make exec` or `./main` to execute
4. enter `make clean` to clean up (optional)

execution snapshot

```
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/6_33$ make
gcc main.c -lpthread -lm -o main
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/6_33$ make exec
./main
number of points = 1000000
number of points in circle = 785484
Pi = 3.141936
lohsuan@MSI:/mnt/d/college/3junior/OS_HW/108820001_HW2/personal/6_33$ make clean
rm ./main
```