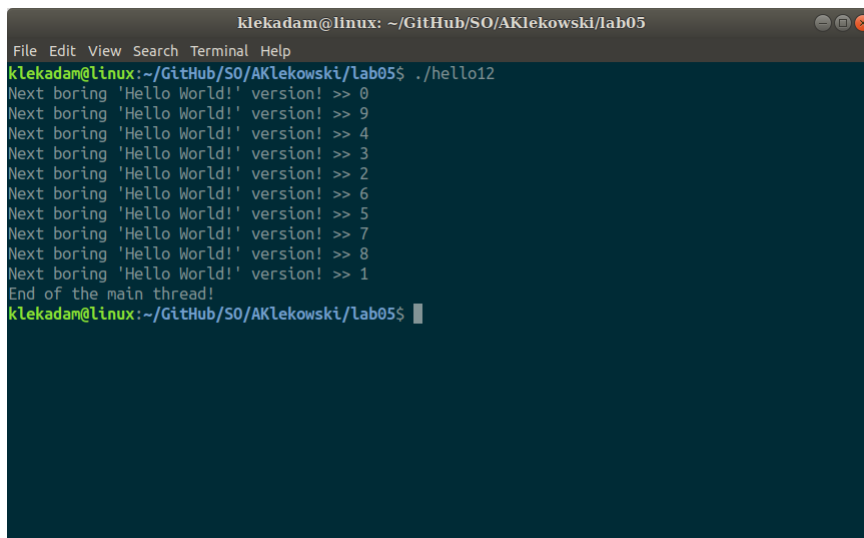


Laboratorium 5

Adam Klekowski (303119)

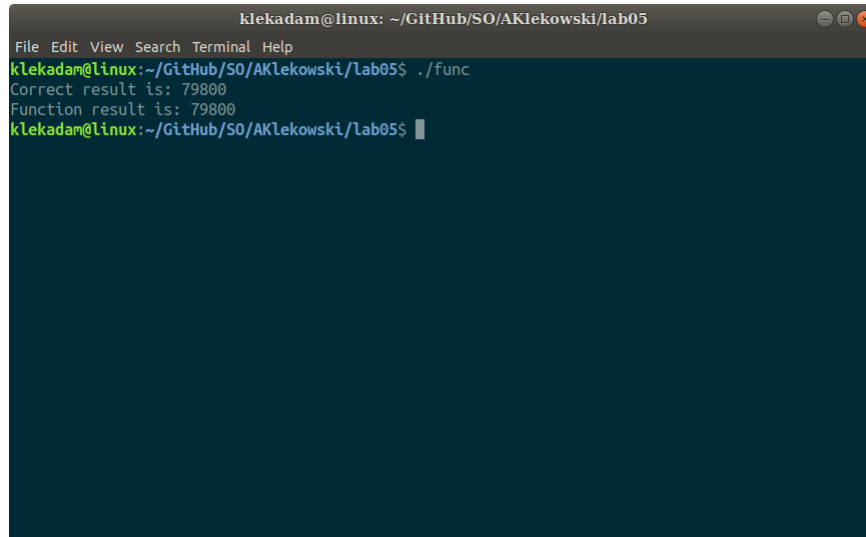
W sprawozdaniu załączam screeny z rezultatami pracy programów:

1 hello12.c



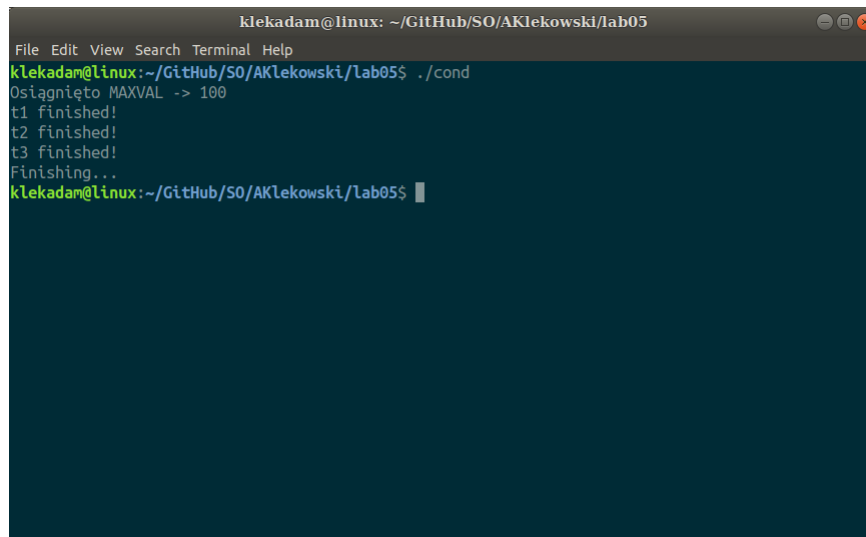
```
klekadam@linux: ~/GitHub/SO/AKlekowski/lab05
File Edit View Search Terminal Help
klekadam@linux:~/GitHub/SO/AKlekowski/lab05$ ./hello12
Next boring 'Hello World!' version! >> 0
Next boring 'Hello World!' version! >> 9
Next boring 'Hello World!' version! >> 4
Next boring 'Hello World!' version! >> 3
Next boring 'Hello World!' version! >> 2
Next boring 'Hello World!' version! >> 6
Next boring 'Hello World!' version! >> 5
Next boring 'Hello World!' version! >> 7
Next boring 'Hello World!' version! >> 8
Next boring 'Hello World!' version! >> 1
End of the main thread!
klekadam@linux:~/GitHub/SO/AKlekowski/lab05$
```

2 func.c

A terminal window titled 'klekadam@linux: ~/GitHub/SO/AKlekowski/lab05'. The terminal shows the command './func' being executed. The output is 'Correct result is: 79800' followed by 'Function result is: 79800'. The prompt is 'klekadam@linux:~/GitHub/SO/AKlekowski/lab05\$'.

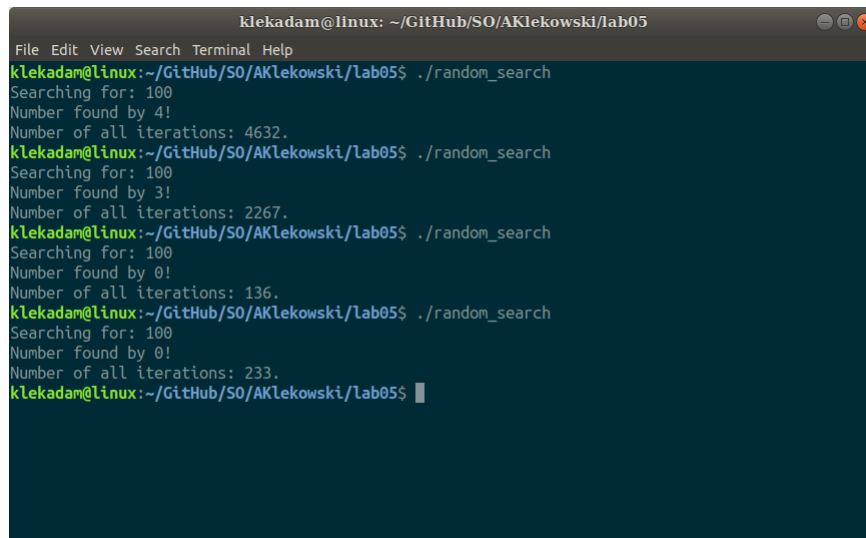
```
klekadam@linux: ~/GitHub/SO/AKlekowski/lab05
File Edit View Search Terminal Help
klekadam@linux:~/GitHub/SO/AKlekowski/lab05$ ./func
Correct result is: 79800
Function result is: 79800
klekadam@linux:~/GitHub/SO/AKlekowski/lab05$
```

3 cond.c

A terminal window titled 'klekadam@linux: ~/GitHub/SO/AKlekowski/lab05'. The terminal shows the command './cond' being executed. The output is 'Osiągnięto MAXVAL -> 100', 't1 finished!', 't2 finished!', 't3 finished!', and 'Finishing...'. The prompt is 'klekadam@linux:~/GitHub/SO/AKlekowski/lab05\$'.

```
klekadam@linux: ~/GitHub/SO/AKlekowski/lab05
File Edit View Search Terminal Help
klekadam@linux:~/GitHub/SO/AKlekowski/lab05$ ./cond
Osiągnięto MAXVAL -> 100
t1 finished!
t2 finished!
t3 finished!
Finishing...
klekadam@linux:~/GitHub/SO/AKlekowski/lab05$
```

4 random_search.c

A terminal window titled 'klekadam@linux: ~/GitHub/SO/AKlekowski/lab05' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows four runs of the './random_search' program. Each run searches for the value 100 and reports the number of iterations and how many times the value was found. The results are: 4632 iterations, found 4 times; 2267 iterations, found 3 times; 136 iterations, found 0 times; and 233 iterations, found 0 times.

```
klekadam@linux: ~/GitHub/SO/AKlekowski/lab05
File Edit View Search Terminal Help
klekadam@linux:~/GitHub/SO/AKlekowski/Lab05$ ./random_search
Searching for: 100
Number found by 4!
Number of all iterations: 4632.
klekadam@linux:~/GitHub/SO/AKlekowski/Lab05$ ./random_search
Searching for: 100
Number found by 3!
Number of all iterations: 2267.
klekadam@linux:~/GitHub/SO/AKlekowski/Lab05$ ./random_search
Searching for: 100
Number found by 0!
Number of all iterations: 136.
klekadam@linux:~/GitHub/SO/AKlekowski/Lab05$ ./random_search
Searching for: 100
Number found by 0!
Number of all iterations: 233.
klekadam@linux:~/GitHub/SO/AKlekowski/Lab05$
```