

= Host-specific information =====

```
$> hostname; uname -msr
deepthought-1.42lisboa.com
Linux 5.15.0-144-generic x86_64
$> date
Sun Aug 10 08:45:52 PM WEST 2025
```

= User files collection =====

```
Collecting user files from Vogosphere
Repository URL: git@vogosphere.42lisboa.com:vogosphere/intra-uuid-e63eb4ad-f7f9-437a-8cf0-5009afe90479-6804791-ysantos-
```

= Git history =====

```
$> git -C /tmp/tmp061udg9q/user log --pretty='%H - %an, %ad : %s'
ba59d8fb1413a23dd79f8f76413070cd1282cba5 - Yuri Augusto Santos Nunes, Sun Aug 10 18:28:50 2025
+0100 : Doubt but ex05 done
901e77d575f34e79389286d2f0444a72ddc2675c - Yuri Augusto Santos Nunes, Sun Aug 10 18:13:25 2025
+0100 : fixed norm
7a8b99ad620c78022ce31ce7a9b9f77880248e31 - Yuri Augusto Santos Nunes, Sun Aug 10 18:08:29 2025
+0100 : ex07 done
541391f7ffcba1e9a5a6aaf0e5fa1d3d952170d0 - Yuri Augusto Santos Nunes, Sun Aug 10 17:57:42 2025
+0100 : 06 done
c584daf4bcd0a8b5ff0bdad53d0c99d069a819d8 - Yuri Augusto Santos Nunes, Sun Aug 10 17:29:20 2025
+0100 : ex04 done
1e364a62e27fd1687e5c37e5b85be574829eb4f2 - Yuri Augusto Santos Nunes, Sat Aug 9 22:12:00 2025
+0100 : up to ex 04 done
```

= Collected files =====

```
$> ls -lAR /tmp/tmp061udg9q/user
/tmp/tmp061udg9q/user:
total 36
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex00
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex01
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex02
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex03
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex04
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex05
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex06
drwxr-xr-x 2 root root 4096 Aug 10 20:45 ex07
-rw-r--r-- 1 root root 1928 Aug 10 20:45 __GIT_HISTORY
```

```
/tmp/tmp061udg9q/user/ex00:
total 4
-rw-r--r-- 1 root root 1179 Aug 10 20:45 ft_iterative_factorial.c
```

```
/tmp/tmp061udg9q/user/ex01:
total 4
-rw-r--r-- 1 root root 1207 Aug 10 20:45 ft_recursive_factorial.c
```

```
/tmp/tmp061udg9q/user/ex02:
total 4
-rw-r--r-- 1 root root 1263 Aug 10 20:45 ft_iterative_power.c
```

```
/tmp/tmp061udg9q/user/ex03:
total 4
-rw-r--r-- 1 root root 1273 Aug 10 20:45 ft_recursive_power.c
```

```
/tmp/tmp061udg9q/user/ex04:
total 4
-rw-r--r-- 1 root root 1551 Aug 10 20:45 ft_fibonacci.c
```

```
/tmp/tmp061udg9q/user/ex05:
total 4
-rw-r--r-- 1 root root 1611 Aug 10 20:45 ft_sqrt.c
```

```
/tmp/tmp061udg9q/user/ex06:
total 4
-rw-r--r-- 1 root root 1457 Aug 10 20:45 ft_is_prime.c
```

```
/tmp/tmp061udg9q/user/ex07:
total 4
-rw-r--r-- 1 root root 1830 Aug 10 20:45 ft_find_next_prime.c
```

```
= ex00 =====
$> cc -Wextra -Wall -Werror ft_iterative_factorial.c main.c -o user_exe
```

```
= Test 1 =====
$> ./gr32mkx4nwu5vi5k7jvjn09a 0
$> diff -U 3 user_output_test1 test1.output | cat -e
```

```
Diff OK :D
= Test 2 =====
$> ./l3nmvuh7zbvk4jn3oztdw4wn 1
$> diff -U 3 user_output_test2 test2.output | cat -e
```

```
Diff OK :D
= Test 3 =====
$> ./mb3ol1g8oeqicreikjaffkax 2
$> diff -U 3 user_output_test3 test3.output | cat -e
```

```
Diff OK :D
= Test 4 =====
$> ./bqva6ck0yl355qakjoqgz2r1 3
$> diff -U 3 user_output_test4 test4.output | cat -e
```

```
Diff OK :D
= Test 5 =====
$> ./6owyr3mslt1izsdrd8cjzzja 4
$> diff -U 3 user_output_test5 test5.output | cat -e
```

```
Diff OK :D
= Test 6 =====
$> ./p6xh7b1qyb39vu2o1jsm5a7e 5
$> diff -U 3 user_output_test6 test6.output | cat -e
```

```
Diff OK :D
= Test 7 =====
$> ./vnjcbvdawbz42yv27a7lsol7 6
$> diff -U 3 user_output_test7 test7.output | cat -e
```

```
Diff OK :D
= Test 8 =====
$> ./ua616ohdkptzzbd83lkdeuzy 7
$> diff -U 3 user_output_test8 test8.output | cat -e
```

```
Diff OK :D
= Test 9 =====
$> ./uet6q58sqwr4g7ji3unpl3se 8
$> diff -U 3 user_output_test9 test9.output | cat -e
```

```
Diff OK :D
= Test 10 =====
$> ./wrmhbbg1w4gzbkugvd72o7ua 9
$> diff -U 3 user_output_test10 test10.output | cat -e
```

```
Diff OK :D
= Test 11 =====
```

```
$> ./uj94coxbwfglzf2f9blobx49 10
$> diff -U 3 user_output_test11 test11.output | cat -e
```

```
Diff OK :D
= Test 12 =====
$> ./cv7zhpek7cf0zueup8eisusf 11
$> diff -U 3 user_output_test12 test12.output | cat -e
```

```
Diff OK :D
= Test 13 =====
$> ./eul2f3owv62qw9duwpf1w44g 12
$> diff -U 3 user_output_test13 test13.output | cat -e
```

```
Diff OK :D
Grade: 5
```

```
= ex01 =====
$> cc -Wextra -Wall -Werror ft_recursive_factorial.c main.c -o user_exe
```

```
= Test 1 =====
$> ./sqzohr25kkgabkdli263rghi 0
$> diff -U 3 user_output_test1 test1.output | cat -e
```

```
Diff OK :D
= Test 2 =====
$> ./snidkkte4l5ivmx0xfbwg5wo 1
$> diff -U 3 user_output_test2 test2.output | cat -e
```

```
Diff OK :D
= Test 3 =====
$> ./vm5s5q3osg8p5v7ue3guov4u 2
$> diff -U 3 user_output_test3 test3.output | cat -e
```

```
Diff OK :D
= Test 4 =====
$> ./iinl9b76h076dbrzxozczzpb 3
$> diff -U 3 user_output_test4 test4.output | cat -e
```

```
Diff OK :D
= Test 5 =====
$> ./afyzihnt48efuo7p3mkhlc3s 4
$> diff -U 3 user_output_test5 test5.output | cat -e
```

```
Diff OK :D
= Test 6 =====
$> ./5dyelun4jyhgt3etzos4eb0i 5
$> diff -U 3 user_output_test6 test6.output | cat -e
```

```
Diff OK :D
= Test 7 =====
$> ./u15kcmcn48rthv2fgxcpsrih 6
$> diff -U 3 user_output_test7 test7.output | cat -e
```

```
Diff OK :D
= Test 8 =====
$> ./dvrr425bzioizbbeed3a7bzm 7
$> diff -U 3 user_output_test8 test8.output | cat -e
```

```
Diff OK :D
= Test 9 =====
$> ./7gj5tw9rq35gvp6kr2ee85kr 8
$> diff -U 3 user_output_test9 test9.output | cat -e
```

```
Diff OK :D
= Test 10 =====
$> ./2y9vjcvfjft1qm10h27304a 9
$> diff -U 3 user_output_test10 test10.output | cat -e

Diff OK :D
= Test 11 =====
$> ./ofgs75kp7fldrwwg8nn2wgog 10
$> diff -U 3 user_output_test11 test11.output | cat -e

Diff OK :D
= Test 12 =====
$> ./z605xutykgb7njvc7a2hwwj8 11
$> diff -U 3 user_output_test12 test12.output | cat -e

Diff OK :D
= Test 13 =====
$> ./k9j9spia7ktdzqtq4vxc4iye 12
$> diff -U 3 user_output_test13 test13.output | cat -e

Diff OK :D
Grade: 5

= ex02 =====
$> cc -Wextra -Wall -Werror main.c ft_iterative_power.c -o user_exe

= Test 1 =====
$> ./x4wdprshlvukiehcwhg6lvvo 0 0
$> diff -U 3 user_output_test1 test1.output | cat -e

Diff OK :D
= Test 2 =====
$> ./6v5p0249ukb56unqq1dyvqsf 293 -1
$> diff -U 3 user_output_test2 test2.output | cat -e

Diff OK :D
= Test 3 =====
$> ./ugmbvb9e98aehhyzo4ctm5co 20 0
$> diff -U 3 user_output_test3 test3.output | cat -e

Diff OK :D
= Test 4 =====
$> ./4z5q91not4xk99r773x56uke 18 1
$> diff -U 3 user_output_test4 test4.output | cat -e

Diff OK :D
= Test 5 =====
$> ./4esljhtdv6q9m7rz9jzylyve 2 3
$> diff -U 3 user_output_test5 test5.output | cat -e

Diff OK :D
= Test 6 =====
$> ./csp727p49hulqjtl95drge4m 46 3
$> diff -U 3 user_output_test6 test6.output | cat -e

Diff OK :D
= Test 7 =====
$> ./kohxlh84ch2x1fov92sf9hl 25 3
$> diff -U 3 user_output_test7 test7.output | cat -e

Diff OK :D
= Test 8 =====
$> ./hgmxs8i0knpzh4gbbwp660fd 17 0
```

```
$> diff -U 3 user_output_test8 test8.output | cat -e
```

Diff OK :D

= Test 9 =====

```
$> ./imdy8a6ta8mzhhrzdbrfi0bm9 49 4
```

```
$> diff -U 3 user_output_test9 test9.output | cat -e
```

Diff OK :D

= Test 10 =====

```
$> ./1ryewsge66z4ya3dlqfqo4xs 1 2
```

```
$> diff -U 3 user_output_test10 test10.output | cat -e
```

Diff OK :D

Grade: 10

= ex03 =====

```
$> cc -Wextra -Wall -Werror ft_recursive_power.c main.c -o user_exe
```

= Test 1 =====

```
$> ./y3r0zvo7qzcpnunar9or848 0 0
```

```
$> diff -U 3 user_output_test1 test1.output | cat -e
```

Diff OK :D

= Test 2 =====

```
$> ./2e3z86fpuiwkns4kd6nbuwhg 1304 -1
```

```
$> diff -U 3 user_output_test2 test2.output | cat -e
```

Diff OK :D

= Test 3 =====

```
$> ./rts6nm5bjw2rzneuq64preej 2 1
```

```
$> diff -U 3 user_output_test3 test3.output | cat -e
```

Diff OK :D

= Test 4 =====

```
$> ./gtjmcn5r7rq1dtw91olcv5os 24 2
```

```
$> diff -U 3 user_output_test4 test4.output | cat -e
```

Diff OK :D

= Test 5 =====

```
$> ./d50xzw5tdgdqqrro2e9qhy03 44 5
```

```
$> diff -U 3 user_output_test5 test5.output | cat -e
```

Diff OK :D

= Test 6 =====

```
$> ./bwis5ulk13z7v2r4xj7ys9f3 28 1
```

```
$> diff -U 3 user_output_test6 test6.output | cat -e
```

Diff OK :D

= Test 7 =====

```
$> ./rt0ms9iv7p27775br0yzbpsh 10 4
```

```
$> diff -U 3 user_output_test7 test7.output | cat -e
```

Diff OK :D

= Test 8 =====

```
$> ./87ljw1pied1p73p8p4iw23ca 29 0
```

```
$> diff -U 3 user_output_test8 test8.output | cat -e
```

Diff OK :D

= Test 9 =====

```
$> ./8hucb5wzjnv7smkkzflcne 45 2
```

```
$> diff -U 3 user_output_test9 test9.output | cat -e
```

Diff OK :D

```
= Test 10 =====
$> ./oled89ukcg9e307z0wi2lnlp 2 0
$> diff -U 3 user_output_test10 test10.output | cat -e
```

Diff OK :D
Grade: 10

```
= ex04 =====
$> cc -Wextra -Wall -Werror main.c ft_fibonacci.c -o user_exe
```

```
= Test 1 =====
$> ./sm9n2ubtvpu1w4lx517n6vks -1
$> diff -U 3 user_output_test1 test1.output | cat -e
```

Diff OK :D

```
= Test 2 =====
$> ./b6zzydtkb8v2v8bslk2ww788 29
$> diff -U 3 user_output_test2 test2.output | cat -e
```

Diff OK :D

```
= Test 3 =====
$> ./td73qfi3yso664iuj8c13qef 30
$> diff -U 3 user_output_test3 test3.output | cat -e
```

Diff OK :D

```
= Test 4 =====
$> ./i3imrxxdz5e1nvabwbi1oqk1 0
$> diff -U 3 user_output_test4 test4.output | cat -e
```

Diff OK :D

```
= Test 5 =====
$> ./kref756cp2avh164lf5l396h 0
$> diff -U 3 user_output_test5 test5.output | cat -e
```

Diff OK :D

```
= Test 6 =====
$> ./j8qlk0szlsmbvuqqe8mta4zi 38
$> diff -U 3 user_output_test6 test6.output | cat -e
```

Diff OK :D

```
= Test 7 =====
$> ./bktf5nmyuia3cww9mam4npj6 29
$> diff -U 3 user_output_test7 test7.output | cat -e
```

Diff OK :D

```
= Test 8 =====
$> ./qjc8l1gobieya7zpj8mvaua4 37
$> diff -U 3 user_output_test8 test8.output | cat -e
```

Diff OK :D

```
= Test 9 =====
$> ./384mv8wxxpmakehpct9rf2gq 18
$> diff -U 3 user_output_test9 test9.output | cat -e
```

Diff OK :D

```
= Test 10 =====
$> ./dauf41rw7bfcqrhn2zlh9zjb 16
$> diff -U 3 user_output_test10 test10.output | cat -e
```

Diff OK :D
Grade: 10

```
= ex05 =====
```

```
$> cc -Wextra -Wall -Werror main.c ft_sqrt.c -o user_exe
```

```
= Test 1 =====
```

```
$> ./yhts1wgjwtyepv8mpd6vjtam 4
```

```
$> diff -U 3 user_output_test1 test1.output | cat -e
```

```
Diff OK :D
```

```
= Test 2 =====
```

```
$> ./u8988vzahslrs2kg872ft17x 9
```

```
$> diff -U 3 user_output_test2 test2.output | cat -e
```

```
Diff OK :D
```

```
= Test 3 =====
```

```
$> ./f2ouhw1eigbglf0o5tg5ntkj 16
```

```
$> diff -U 3 user_output_test3 test3.output | cat -e
```

```
Diff OK :D
```

```
= Test 4 =====
```

```
$> ./jdp587lwnszjfda6854j8i9e 25
```

```
$> diff -U 3 user_output_test4 test4.output | cat -e
```

```
Diff OK :D
```

```
= Test 5 =====
```

```
$> ./a8gwwbr2kvaw8a82filnblhu 20
```

```
$> diff -U 3 user_output_test5 test5.output | cat -e
```

```
Diff OK :D
```

```
= Test 6 =====
```

```
$> ./ae9wvjecq0bh9cq3ifp3ywx4 5
```

```
$> diff -U 3 user_output_test6 test6.output | cat -e
```

```
Diff OK :D
```

```
= Test 7 =====
```

```
$> ./4t45cw8q6ies438l82hr35c7 9
```

```
$> diff -U 3 user_output_test7 test7.output | cat -e
```

```
Diff OK :D
```

```
= Test 8 =====
```

```
$> ./0nteozj1bg1rl5tyahmviy3y 25
```

```
$> diff -U 3 user_output_test8 test8.output | cat -e
```

```
Diff OK :D
```

```
= Test 9 =====
```

```
$> ./r4azm26lnqws01q47memx5ck 35
```

```
$> diff -U 3 user_output_test9 test9.output | cat -e
```

```
Diff OK :D
```

```
= Test 10 =====
```

```
$> ./pirbpauih4s7etzu4euqpynj 19
```

```
$> diff -U 3 user_output_test10 test10.output | cat -e
```

```
Diff OK :D
```

```
= Test 11 =====
```

```
$> ./opv725bnk8ocp6wgxiijib16 34
```

```
$> diff -U 3 user_output_test11 test11.output | cat -e
```

```
Diff OK :D
```

```
= Test 12 =====
```

```
$> ./h4z4slnwi9tujnphm23d61tb 21
```

```
$> diff -U 3 user_output_test12 test12.output | cat -e
```

```
Diff OK :D
```

```
= Test 13 =====
```

```
$> ./xhza4bdn447c7y8db9orrf57 35
$> diff -U 3 user_output_test13 test13.output | cat -e
```

```
Diff OK :D
= Test 14 =====
$> ./zlzhwg1h1wk43kbs9w0zdrpb 34
$> diff -U 3 user_output_test14 test14.output | cat -e
```

```
Diff OK :D
= Test 15 =====
$> ./is6nv1yanojqtz3l4fk0h05v 39
$> diff -U 3 user_output_test15 test15.output | cat -e
```

```
Diff OK :D
Grade: 10
```

```
= ex06 =====
$> cc -Wextra -Wall -Werror ft_is_prime.c main.c -o user_exe
```

```
= Test 1 =====
$> ./mw28o8gj2ysdork9yilk6brz 0
$> diff -U 3 user_output_test1 test1.output | cat -e
```

```
Diff OK :D
= Test 2 =====
$> ./hli2kqoypp8pnm998bsbnh59 1
$> diff -U 3 user_output_test2 test2.output | cat -e
```

```
Diff OK :D
= Test 3 =====
$> ./ibd152km1xmgd1avdpsz3uda 2
$> diff -U 3 user_output_test3 test3.output | cat -e
```

```
Diff OK :D
= Test 4 =====
$> ./8lyqv0id94xgg2v213i7pclj 3
$> diff -U 3 user_output_test4 test4.output | cat -e
```

```
Diff OK :D
= Test 5 =====
$> ./nc8ofs6v1t7oxp9hfcskpglt 3820185
$> diff -U 3 user_output_test5 test5.output | cat -e
```

```
Diff OK :D
= Test 6 =====
$> ./9jafg70ns711v6law9jm4xj3 12399130
$> diff -U 3 user_output_test6 test6.output | cat -e
```

```
Diff OK :D
= Test 7 =====
$> ./73n04mmg2locdbx92hbav62i 7063498
$> diff -U 3 user_output_test7 test7.output | cat -e
```

```
Diff OK :D
= Test 8 =====
$> ./0kt7pxmu8bk97legl2226zx5 6237046
$> diff -U 3 user_output_test8 test8.output | cat -e
```

```
Diff OK :D
= Test 9 =====
$> ./t6glxx7nts7dd7qbszoe5ykh 3720304
$> diff -U 3 user_output_test9 test9.output | cat -e
```



```
Diff OK :D
= Test 10 =====
$> ./63bdfa1ijy2oyr00sonjwl7s 20702568
$> diff -U 3 user_output_test10 test10.output | cat -e

Diff OK :D
= Test 11 =====
$> ./hdf6ww61e71mpr11i8dl19l 1095573
$> diff -U 3 user_output_test11 test11.output | cat -e

Diff OK :D
= Test 12 =====
$> ./wjpn1i7kj6i59by3xbdqb38t 17773057
$> diff -U 3 user_output_test12 test12.output | cat -e

Diff OK :D
= Test 13 =====
$> ./q3l5ure5sbseelob5k7bma5m 3230553
$> diff -U 3 user_output_test13 test13.output | cat -e

Diff OK :D
= Test 14 =====
$> ./pfppwwtqdhv74ha6i7xbcr0h7 18819098
$> diff -U 3 user_output_test14 test14.output | cat -e

Diff OK :D
= Test 15 =====
$> ./cjeaknbq8b53gv5xkp1101er 14317343
$> diff -U 3 user_output_test15 test15.output | cat -e

Diff OK :D
Grade: 10

= ex07 =====
$> cc -Wextra -Wall -Werror ft_find_next_prime.c main.c -o user_exe

= Test 1 =====
$> ./90pkzzgh30ekijw6kj0wo537 9740888
$> diff -U 3 user_output_test1 test1.output | cat -e

Diff OK :D
= Test 2 =====
$> ./5jenv91ata1fmde0fjrc9y5k 4316744
$> diff -U 3 user_output_test2 test2.output | cat -e

Diff OK :D
= Test 3 =====
$> ./yxbb97zonkyvwe8hcivswofj 13240107
$> diff -U 3 user_output_test3 test3.output | cat -e

Diff OK :D
= Test 4 =====
$> ./14w67m15ph74gqvmcfy0s681 1590980
$> diff -U 3 user_output_test4 test4.output | cat -e

Diff OK :D
= Test 5 =====
$> ./bdwi3mb3rk97enlprfhykdz4 8002738
$> diff -U 3 user_output_test5 test5.output | cat -e

Diff OK :D
= Test 6 =====
$> ./4vtuxe50efpbi0dpv1b5dcgv 11907496
```

```
$> diff -U 3 user_output_test6 test6.output | cat -e
```

Diff OK :D

= Test 7 =====

```
$> ./60vj92tu38w1qmg4obpufncx 18659519
```

```
$> diff -U 3 user_output_test7 test7.output | cat -e
```

Diff OK :D

= Test 8 =====

```
$> ./j6xb8trs8mcvdknm3zr3pyxy 16384508
```

```
$> diff -U 3 user_output_test8 test8.output | cat -e
```

Diff OK :D

= Test 9 =====

```
$> ./i3qbngjaqbwfzu1lbi9r9cse 15696815
```

```
$> diff -U 3 user_output_test9 test9.output | cat -e
```

Diff OK :D

= Test 10 =====

```
$> ./5tafwtd3l3ih2d7aqal7fb0 8641844
```

```
$> diff -U 3 user_output_test10 test10.output | cat -e
```

Diff OK :D

Grade: 20

= ex08 =====

Nothing turned in

Grade: 0

= Final grade: 80 =====