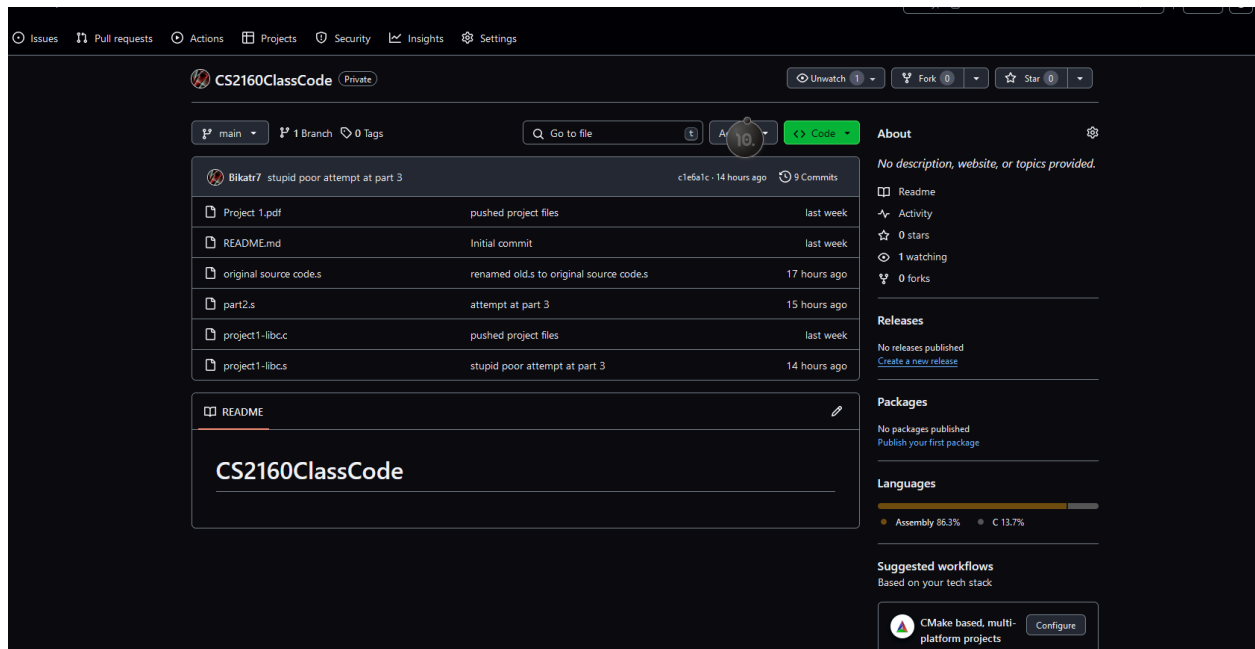
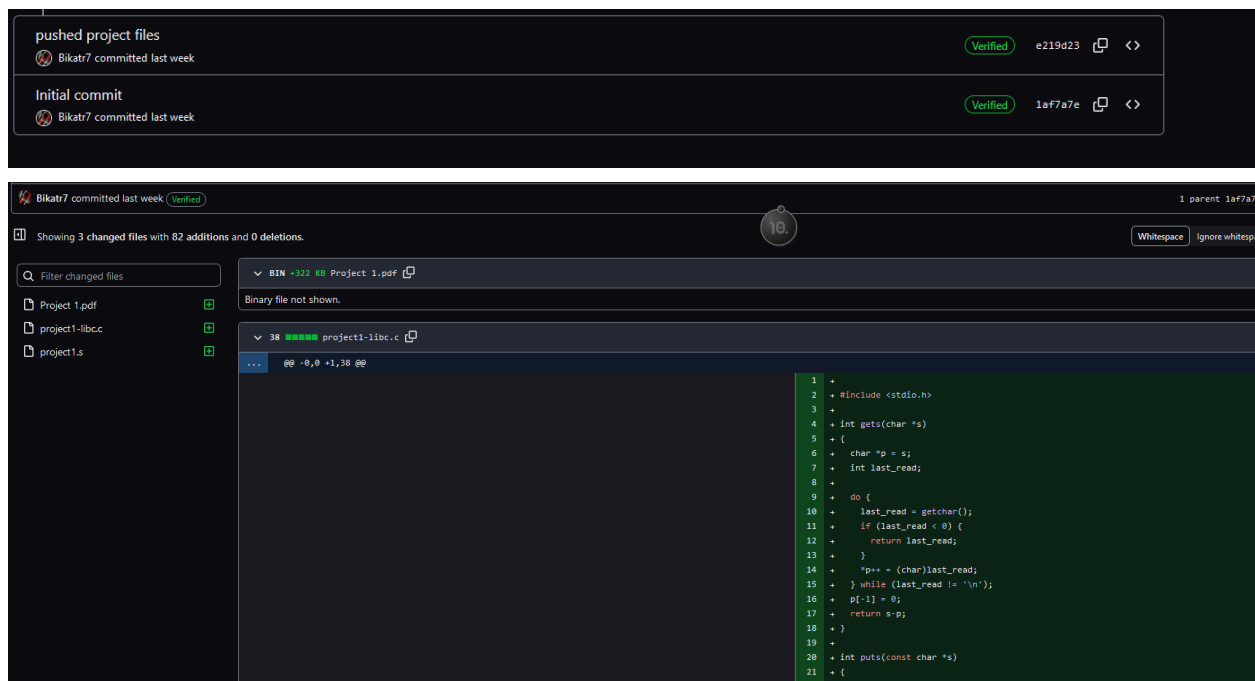


## Screenshot of Repo



## Initial Commit:



## A major iteration Change:

Commit

added write\_to\_terminal

Browse files

main

Bikatr7 committed 17 hours ago (Verified)

1 parent cb18346 commit 0a5f

Showing 1 changed file with 23 additions and 21 deletions.

Whitespace Ignore whitespace Split

```
44 project1.s
@@ -7,33 +7,28 @@
7
8 .text
9 main:
10 - # main() prolog
11 - addi sp, sp, -104
12 - lw ra, 100(sp)
13
14 - # main() body
15
16 - # Write the prompt to the terminal (stdout)
17 - li a7, __NR_WRITE
18 - li a0, STDOUT
19 - la a1, prompt
20 - addi a2, zero, prompt_end - prompt
21 - ecall
22
23 - # Read up to 100 characters from the terminal (stdin)
24 - call read_from_terminal
25
26 - # Write the just read characters to the terminal (stdout)
27 - addi a2, a0, 0
28 - li a7, __NR_WRITE
29 - li a0, STDOUT
30 - mv a1, sp
31 - ecall
32
33 - # main() epilog
34 - lw ra, 100(sp)
35 - addi sp, sp, 104
36 - ret

7
8 .text
9 main:
10 + # main() prolog
11 + addi sp, sp, -104
12 + lw ra, 100(sp)
13
14 + # main() body
15
16 + ## Call write function to write the prompt to the terminal (stdout)
17 + la a1, prompt
18 + addi a2, zero, prompt_end - prompt
19 + call write_to_terminal
20
21 + # Call read function to read up to 100 characters from the terminal (stdin)
22 + call read_from_terminal
23
24 + ## Call write function to write the just read characters to the terminal (stdout)
25 + addi a2, a0, 0
26 + call write_to_terminal
27
28 + # main() epilog
29 + lw ra, 100(sp)
30 + addi sp, sp, 104
31 + ret
```