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Script started on 2023-09-19 20:00:52+00:00 [TERM="xterm-256color" TTY="/dev/pts/1" COLUMNS="86" LINES="48"]
\\033[01;34m\\w\\033[00m\\$ pwd
/home/runner/Lab-7-Run-Length-Decoding-kcp3s
\\033[01;34m\\w\\033[00m\\$ ls -la
total 2572
drwxr-xr-x 1 runner runner    298 Sep 19 20:00 .
drwxrwxrwx 1 runner runner    114 Sep 19 19:19 ..
-rwxr-xr-x 1 runner runner 17328 Sep 19 20:00 a.out
-rw-r--r-- 1 runner runner    17 Aug 18 20:59 .breakpoints
drwxr-xr-x 1 runner runner    12 Jan 24 2022 .cache
-rw----- 1 runner runner   570 Sep 10 19:18 cat.txt
drwxr-x--- 1 runner runner    528 Sep 19 17:54 .ccls-cache
-rw----- 1 runner runner   967 Sep 10 19:18 horse.txt
drwxr-xr-x 1 runner runner    68 Sep 19 19:20 .lesson
-rwxr-xr-x 1 runner runner 1273760 Sep 19 19:55 main
-rw-r--r-- 1 runner runner   772 Sep 19 19:55 main.cpp
-rwxr-xr-x 1 runner runner 1258728 Aug 18 20:58 main-debug
-rw-r--r-- 1 runner runner 29432 Apr 21 2022 main.o
-rw-r--r-- 1 runner runner   432 Aug 18 21:02 Makefile
-rw-r--r-- 1 runner runner     0 Sep 19 20:00 Patel_Lab_7.log
-rw-r--r-- 1 runner runner  1426 Dec 21 2022 .replit
-rw-r--r-- 1 runner runner   143 Sep 10 19:17 replit.nix
-rw----- 1 runner runner    54 Sep 10 19:18 simplestring.txt
-rw----- 1 runner runner  2631 Sep 10 19:18 yoda.txt
\\033[01;34m\\w\\033[00m\\$ cat -n main.cpp
 1  #include <iostream>
 2  #include <fstream>
 3
 4  int main() {
 5      // declare variables
 6      std::string file_name;
 7      std::ifstream file;
 8      int count;
 9      char j, i;
10
11      // Read the given input filename and open it
12      std::cout << "Enter filename to decompress: ";
13      std::cin >> file_name;
14
15      // Opening a file
16      file.open(file_name);
17
18      //If the file is not in the list
19      if (!file) {
20          std::cout << "File " << file_name << " does not exist!\n";
21          return 0;
22      }
23
24      file >> count;
25      // So we can ignore the space between number and character
26      file.get(i);
27      file.get(j);
28
29      while (file){
30
31          for(int i = 0; i < count; i++){
32              std::cout << j;
33          }
34          // So we could get the inputs again
35          file >> count;
36          file.get(i);
37          file.get(j);
38
39      }
40
41      //Close the file
42      file.close();
43  }\\033[01;34m\\w\\033[00m\\$ g++ main.cpp -orrundecode
\\033[01;34m\\w\\033[00m\\$ ./rundecode
```

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\[\033[01;34m\]\w\[\033[00m\]$ ./rundecode
Enter filename to decompress: horse.txt

```

```
\[\033[01;34m\]\w\[\033[00m\]$ ./rundeocode
Enter filename to decompress: yoda.txt
```

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Yoda by Blazej Kozlowski & Faux_Pseudo
\[\033[01;34m\]\w\[\033[00m\]$ exit
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Script done on 2023-09-19 20:04:11+00:00 [COMMAND_EXIT_CODE="0"]