

```
#include <stdio.h>

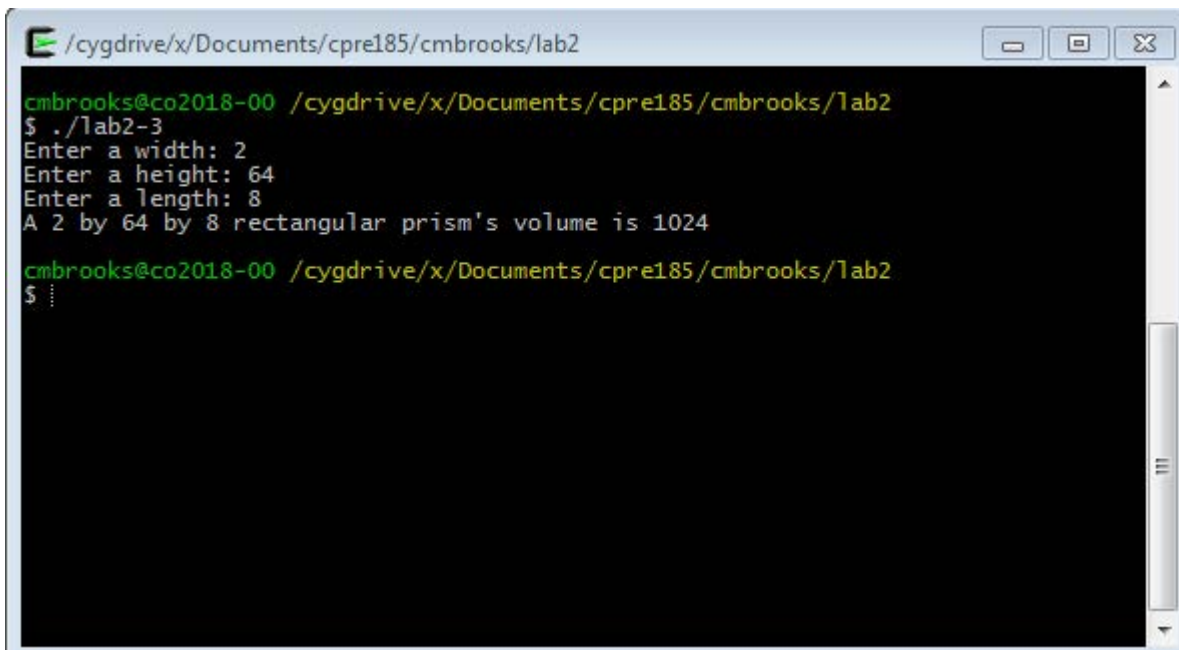
int main (int argc, char* argv[]) {

    int x, y, z;

    printf("Enter a width: ");
    scanf("%d", &x);
    printf("Enter a height: ");
    scanf("%d", &y);
    printf("Enter a length: ");
    scanf("%d", &z);
    printf("A %d by %d by %d rectangular prism's volume is %d\n", x, y, z, x * y * z);

    return 0;

}
```



The screenshot shows a terminal window titled "/cygdrive/x/Documents/cpre185/cmbrooks/lab2". The prompt is "cmbrooks@co2018-00 /cygdrive/x/Documents/cpre185/cmbrooks/lab2". The user enters the command "\$ ./lab2-3". The program prompts for three inputs: "Enter a width: 2", "Enter a height: 64", and "Enter a length: 8". The output is "A 2 by 64 by 8 rectangular prism's volume is 1024". The prompt returns to "\$ ...".

```
/cygdrive/x/Documents/cpre185/cmbrooks/lab2
cmbrooks@co2018-00 /cygdrive/x/Documents/cpre185/cmbrooks/lab2
$ ./lab2-3
Enter a width: 2
Enter a height: 64
Enter a length: 8
A 2 by 64 by 8 rectangular prism's volume is 1024
cmbrooks@co2018-00 /cygdrive/x/Documents/cpre185/cmbrooks/lab2
$ ...
```