```
SE 185: Lab 01 - Getting to Know the 185 Environment
   Name: Alvin Thomas
   Section: Section 2
   NetID: alvin
   Date: 8/29/2023
   Here is a block comment.
   These lines don't run when you compile or run the code.
    I.e., they're the machine doesn't see them, only you.
                       Includes
#include <stdio.h>
int main(int argc, char *argv[])
   // This is a C comment, this line doesn't run in the program
   printf("Hello world"); // Modify this line
   printf("\n"); // This prints a newline character
   return 0; // This is a return statement
```

```
These files are for the users to personalise their cygwin experience.

They will never be overwritten nor automatically updated.

'./.bashrc' -> '/home/alvin//.bashrc'
'./.bash_profile' -> '/home/alvin//.bash_profile'
'./.inputrc' -> '/home/alvin//.inputrc'
'./.profile' -> '/home/alvin//.profile'

alvin@CO2048-15 ~
$ cd u:fall2023/se185/lab01

alvin@CO2048-15 /cygdrive/u/fall2023/se185/lab01
$ ls

alvin@CO2048-15 /cygdrive/u/fall2023/se185/lab01
$ gcc lab01-1.c -o lab01-1

alvin@CO2048-15 /cygdrive/u/fall2023/se185/lab01
$ ./lab01-1
Hello world

alvin@CO2048-15 /cygdrive/u/fall2023/se185/lab01
$ ./lab01-1
Hello world
```

Value before input: 0

Type a number: Type your NetID:

Your input was 35 and your ISU email is alvin@iastate.edu

```
alvin@CO2048-15 /cygdrive/u/fall2023/sel85/lab01
$ ./lab01-output > mydata.txt

alvin@CO2048-15 /cygdrive/u/fall2023/sel85/lab01
$ ./lab01-input < mydata.txt

Value before input: 0

Type a number: Type your NetID:
Your input was 35 and your ISU email is alvin@iastate.edu alvin@CO2048-15 /cygdrive/u/fall2023/sel85/lab01
$ ./lab01-output | ./lab01-input

Value before input: 0

Type a number: Type your NetID:
Your input was 35 and your ISU email is alvin@iastate.edu alvin@CO2048-15 /cygdrive/u/fall2023/sel85/lab01
$ ./lab01-output | ./lab01-input > NETID.txt
alvin@CO2048-15 /cygdrive/u/fall2023/sel85/lab01
$ ./lab01-output | ./lab01-input > NETID.txt
```

HOMEWORK

	<u>HOMEWORK</u>
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	Alum Thomas
	Base Conversion Companion Homework
	DESCRIPTION OF SCIENCE
	Decimal Binary Ortal Hexadermal
	1 1 1 2 5 1
	10 1010 12 A
5	42 101010 52 2A
5	255 1111111 377 FF
	1200-5 TOUTHOUS - MX12 TOUTH
	223 HOIHIL 337 H - DF
	179 10000001 201
	147 10010011 273 93
	63 111111 77 51 613F
	18 10010 22 12
	0 2 3 3 12
	10 -> 1012 = 5 0 -> 1010 1018=1 2 -> 12
	5/2 = 2
	2172 0 0
	1/2 = 0 - 1 - 2 3 - 1 - 1 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -
	1 - 8/90
	42-)42/2=21 0 42/8=5 2 42/16=2 10
	21/2-10 5/8=0 5 2/16=0 2
	1012 = 5 0
-	5/2 2 2 1
	2/2 = 1 0
	1/2 2 0
	107 1 255/8=31 7 255/16=15 15
	755-> 755/7= 12/1
-0	127/2263 1 3/1023 7 13/102
-	63/2 = 31 1 3/8 = 0 3
	31/2 = 15
	15/2 27
	7/2 23 1
	3/2 2 1/2 2 0
	1/2 2
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