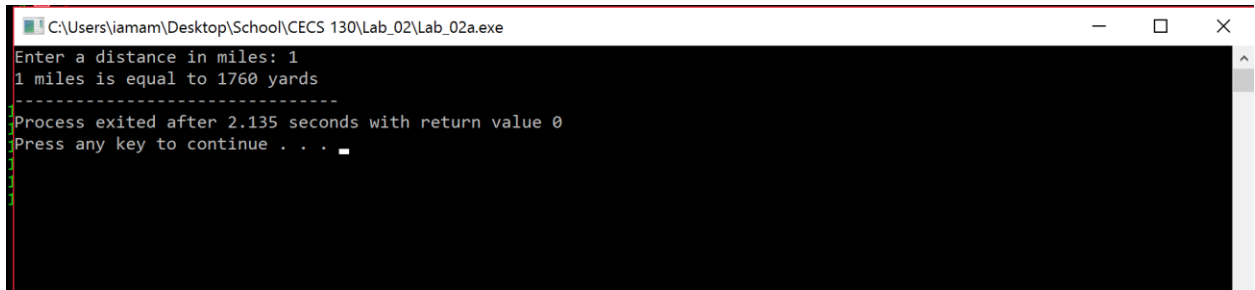


Austin Stephens

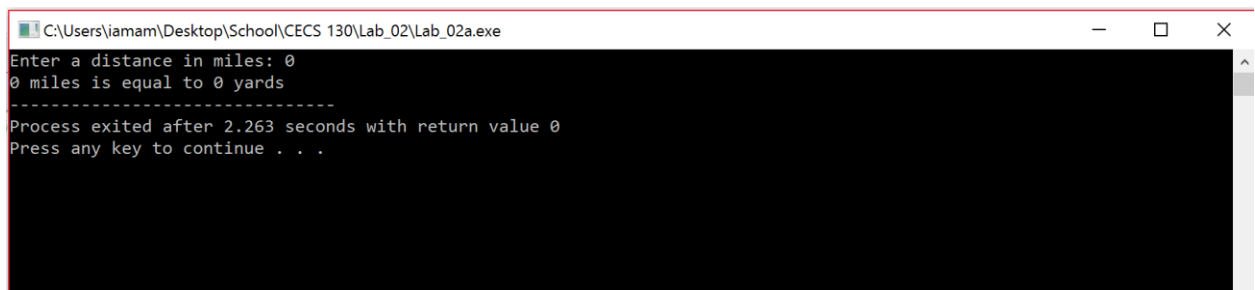
Lab 02

1/24/17

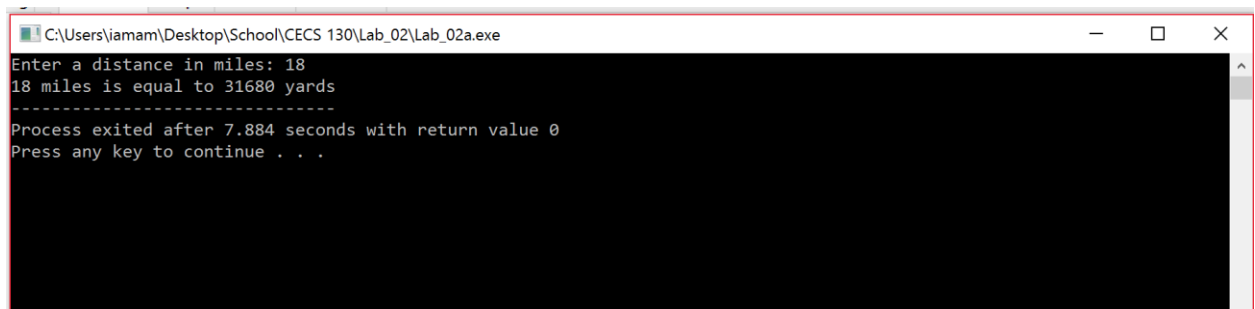
1. I successfully wrote a program that converts miles to yards. When one is used as an input the program outputs the right conversion factor of 1760 yards. When zero is used as an input then zero yards is returned and when eighteen miles is used as an input then the program successfully outputs 31680 yards.



```
C:\Users\iamam\Desktop\School\CECS 130\Lab_02\Lab_02a.exe
Enter a distance in miles: 1
1 miles is equal to 1760 yards
-----
Process exited after 2.135 seconds with return value 0
Press any key to continue . . .
```

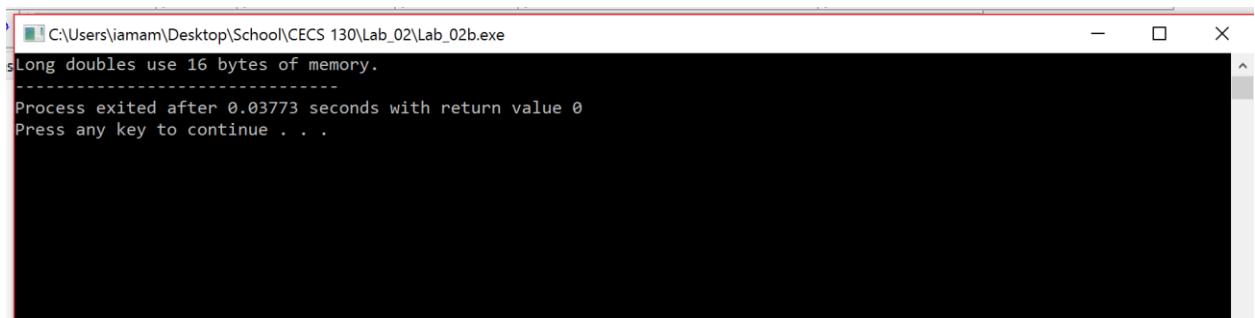


```
C:\Users\iamam\Desktop\School\CECS 130\Lab_02\Lab_02a.exe
Enter a distance in miles: 0
0 miles is equal to 0 yards
-----
Process exited after 2.263 seconds with return value 0
Press any key to continue . . .
```



```
C:\Users\iamam\Desktop\School\CECS 130\Lab_02\Lab_02a.exe
Enter a distance in miles: 18
18 miles is equal to 31680 yards
-----
Process exited after 7.884 seconds with return value 0
Press any key to continue . . .
```

2. I successfully wrote a program that shows that a double long takes up 16 bytes of memory.



```
C:\Users\iamam\Desktop\School\CECS 130\Lab_02\Lab_02b.exe
Long doubles use 16 bytes of memory.
-----
Process exited after 0.03773 seconds with return value 0
Press any key to continue . . .
```

