

C lab9.c U M Makefile U ≡ output.txt U × ... ≡ ref1.txt U × ≡ ref2.txt U ≡ ref3.txt U ≡ ref4.txt U

Lab9 > ≡ output.txt

```
1 101,158,205,219,317,347,412,501,516,604,629,732,739,813,8
2
```

Lab9 > ≡ ref1.txt

```
1 101,158,205,219,317,347,412,501,516,604,629,732,739,813,
2
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

zsh - lab9 + ▢ ▢ ...

```
mskim ~/workspace/comp2510/lab9 » main make
gcc -Wall -std=c11 lab9.c -o lab9.out
mskim ~/workspace/comp2510/lab9 » main make convert_input
mskim ~/workspace/comp2510/lab9 » main make run
./lab9.out input1.txt output.txt
mskim ~/workspace/comp2510/lab9 » main make clean
rm -f lab9.out
mskim ~/workspace/comp2510/lab9 » main make convert_output
mskim ~/workspace/comp2510/lab9 » main make check
Pass
mskim ~/workspace/comp2510/lab9 » main
```

Lab9 > output.txt

```
1 15,25,35,40,45,50,55,60,65,70,75,80,85,90,95,100,32768
2
```

Lab9 > ref2.txt

```
1 15,25,35,40,45,50,55,60,65,70,75,80,85,90,95,100,32768
2
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

zsh - lab9 + ▢ ▢ ...

- mskim ~/workspace/comp2510/lab9 main make
- gcc -Wall -std=c11 lab9.c -o lab9.out
- mskim ~/workspace/comp2510/lab9 main make convert_input
- mskim ~/workspace/comp2510/lab9 main make run
- ./lab9.out input2.txt output.txt
- mskim ~/workspace/comp2510/lab9 main make clean
- rm -f lab9.out
- mskim ~/workspace/comp2510/lab9 main make convert_output
- mskim ~/workspace/comp2510/lab9 main make check
- Pass
- mskim ~/workspace/comp2510/lab9 main

Lab9 > output.txt

```
1 1.8,2.1,3.5,4.3,5.7,6.4,7.2,8.9,9.6,10.2,11.1,12.6,13.2,1
2
```

Lab9 > ref3.txt

```
1 1.8,2.1,3.5,4.3,5.7,6.4,7.2,8.9,9.6,10.2,11.1,12.6,13.2
2
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

zsh - lab9 + ▢ ▢ ...

- mskim ~/workspace/comp2510/lab9 main make
- gcc -Wall -std=c11 lab9.c -o lab9.out
- mskim ~/workspace/comp2510/lab9 main make convert_input
- mskim ~/workspace/comp2510/lab9 main make run
- ./lab9.out input3.txt output.txt
- mskim ~/workspace/comp2510/lab9 main make clean
- rm -f lab9.out
- mskim ~/workspace/comp2510/lab9 main make convert_output
- mskim ~/workspace/comp2510/lab9 main make check
- Pass
- mskim ~/workspace/comp2510/lab9 main

C lab9.c U M Makefile U ... ref1.txt U ref2.txt U ref3.txt U ref4.txt U ×

Lab9 > ≡ output.txt

```
1 a,b,c,d,e,f,g,h,m,n,o,q,r,s,t,u
2
```

Lab9 > ≡ ref4.txt

```
1 a,b,c,d,e,f,g,h,m,n,o,q,r,s,t,u
2
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

zsh - lab9 + ▢ ▢ ...

```
mskim ~/workspace/comp2510/lab9 » main make
gcc -Wall -std=c11 lab9.c -o lab9.out
mskim ~/workspace/comp2510/lab9 » main make convert_input
mskim ~/workspace/comp2510/lab9 » main make run
./lab9.out input4.txt output.txt
mskim ~/workspace/comp2510/lab9 » main make clean
rm -f lab9.out
mskim ~/workspace/comp2510/lab9 » main make convert_output
mskim ~/workspace/comp2510/lab9 » main make check
Pass
mskim ~/workspace/comp2510/lab9 » main
```

C lab9.c U M Makefile U output.txt U × ref2.txt U ref3.txt U ref4.txt U ref5.txt U

Lab9 > output.txt

```
1 apple,banana,blackberry,blueberry,cherry,grape,kiwi,lemon
2
```

Lab9 > ref5.txt

```
1 apple,banana,blackberry,blueberry,cherry,grape,kiwi,lemon
2
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

zsh - lab9 + ▢ ▢ ...

```
mskim ~/workspace/comp2510/lab9 » main make
gcc -Wall -std=c11 lab9.c -o lab9.out
mskim ~/workspace/comp2510/lab9 » main make convert_input
mskim ~/workspace/comp2510/lab9 » main make run
./lab9.out input5.txt output.txt
mskim ~/workspace/comp2510/lab9 » main make clean
rm -f lab9.out
mskim ~/workspace/comp2510/lab9 » main make convert_output
mskim ~/workspace/comp2510/lab9 » main make check
Pass
mskim ~/workspace/comp2510/lab9 » main
```