

Last login: Tue Feb 4 11:16:44 on ttys009

You have mail.

/Users/felixnowman/.zprofile:7: command not found: rbenv

felixnowman@Felixs-MacBook-Air SP % ls

LAB-1-SP.pdf a.out lab-2\_Task-1.c

felixnowman@Felixs-MacBook-Air SP % rm lab-2\_Task-1.c

felixnowman@Felixs-MacBook-Air SP % vim lab-2\_Task1.c

felixnowman@Felixs-MacBook-Air SP % cat lab-2\_Task1.c

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(){
```

```
    int id=001;
```

```
    char name[]="Abdulaziz";
```

```
    float mark[5]={1,2,3,5,6};
```

```
    printf("%s\n", name );
```

```
    printf("%d\n", id);
```

```
    printf("%f\n", mark[1]);
```

```
}
```

felixnowman@Felixs-MacBook-Air SP % gcc -o output lab-2\_Task1.c

felixnowman@Felixs-MacBook-Air SP % ./output

Abdulaziz

1

2.000000

felixnowman@Felixs-MacBook-Air SP % vim lab-2\_Task1.c

felixnowman@Felixs-MacBook-Air SP % gcc -o output lab-2\_Task1.c

**lab-2\_Task1.c:10:16: warning: relational comparison result unused [-Wunused-comparison]**

```
10 |         for(int i=0;i<5,i++){
```

```
           ~^^
```

**lab-2\_Task1.c:10:22: error: expected ';' in 'for' statement specifier**

```
10 |         for(int i=0;i<5,i++){
```

```
           ^
```

**lab-2\_Task1.c:11:24: error: expected ')'**

```
11 |             printf("Grade: %f\n" mark[i]);
```

```
           ^
```

**lab-2\_Task1.c:11:9: note: to match this '('**

```
11 |             printf("Grade: %f\n" mark[i]);
```

```
           ^
```

1 warning and 2 errors generated.

felixnowman@Felixs-MacBook-Air SP % vim lab-2\_Task1.c

felixnowman@Felixs-MacBook-Air SP % gcc -o output lab-2\_Task1.c

felixnowman@Felixs-MacBook-Air SP % ./output

Abdulaziz

1

Grade: 1.000000

Grade: 2.000000

Grade: 3.000000

Grade: 5.000000

Grade: 6.000000

felixnowman@Felixs-MacBook-Air SP % ls

LAB-1-SP.pdf a.out lab-2\_Task1.c lab2\_Task1.pdf output

felixnowman@Felixs-MacBook-Air SP % mkdir codes

felixnowman@Felixs-MacBook-Air SP % rm a.out

felixnowman@Felixs-MacBook-Air SP % mv lab-2\_Task1.c ./codes

felixnowman@Felixs-MacBook-Air SP % ls

LAB-1-SP.pdf codes lab2\_Task1.pdf output

felixnowman@Felixs-MacBook-Air SP % cd codes

felixnowman@Felixs-MacBook-Air codes % ls

lab-2\_Task1.c

```

felixnowman@Felixs-MacBook-Air codes % cd ..
felixnowman@Felixs-MacBook-Air SP % ls
LAB-1-SP.pdf      codes      lab2_Task1.pdf  output
felixnowman@Felixs-MacBook-Air SP % mv output ./codes
felixnowman@Felixs-MacBook-Air SP % ls
LAB-1-SP.pdf      codes      lab2_Task1.pdf
felixnowman@Felixs-MacBook-Air SP % cd codes
felixnowman@Felixs-MacBook-Air codes % vim Abzal.c
felixnowman@Felixs-MacBook-Air codes % vim Abdurashid.c
felixnowman@Felixs-MacBook-Air codes % car Abzal.c
zsh: command not found: car
felixnowman@Felixs-MacBook-Air codes % cat Abzal.c
#include <stdio.h>
void abzal(int arg){
    printf("salom %d\n", arg)
}
felixnowman@Felixs-MacBook-Air codes % vim Abzal.c
felixnowman@Felixs-MacBook-Air codes % cat Abzal.c
#include <stdio.h>
void abzal(int arg){
    printf("salom %d\n", arg);
}
felixnowman@Felixs-MacBook-Air codes % vim lib.h
felixnowman@Felixs-MacBook-Air codes % gcc -o Abzal.c Abdurashid.c
Undefined symbols for architecture arm64:
  "_main", referenced from:
      <initial-undefines>
ld: symbol(s) not found for architecture arm64
clang: error: linker command failed with exit code 1 (use -v to see invocation)
felixnowman@Felixs-MacBook-Air codes % gcc -v Abzal.c Abdurashid.c
Apple clang version 16.0.0 (clang-1600.0.26.3)
Target: arm64-apple-darwin24.0.0
Thread model: posix
InstalledDir: /Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoolchain/usr/bin
clang: error: no such file or directory: 'Abzal.c'
felixnowman@Felixs-MacBook-Air codes % gcc -o Abzal.c Abdurashid.c
Undefined symbols for architecture arm64:
  "_main", referenced from:
      <initial-undefines>
ld: symbol(s) not found for architecture arm64
clang: error: linker command failed with exit code 1 (use -v to see invocation)
felixnowman@Felixs-MacBook-Air codes % cat Abzal.c
cat: Abzal.c: No such file or directory
felixnowman@Felixs-MacBook-Air codes % ls
Abdurashid.c      lab-2_Task1.c  output
felixnowman@Felixs-MacBook-Air codes % vim abzal.c
felixnowman@Felixs-MacBook-Air codes % cat Abzal.c

#include <stdio.h>
void abzal(int arg){
    printf("salom %d\n", arg);
}

felixnowman@Felixs-MacBook-Air codes % gcc -c Abzal.c Abdurashid.c
felixnowman@Felixs-MacBook-Air codes % ls
Abdurashid.c      Abzal.o        lab-2_Task1.c
Abdurashid.o      abzal.c        output
felixnowman@Felixs-MacBook-Air codes % ar crv libfoo.a bill.o fred.o
a - bill.o

```

```

ar: bill.o: No such file or directory
a - fred.o
ar: fred.o: No such file or directory
felixnowman@Felixs-MacBook-Air codes % ar crv Abzal.o Abdurashid.o
ar: Abzal.o: Inappropriate file type or format
felixnowman@Felixs-MacBook-Air codes % ls
Abdurashid.c    Abzal.o        lab-2_Task1.c    output
Abdurashid.o    abzal.c        libfoo.a
felixnowman@Felixs-MacBook-Air codes % ar crv abzal.o Abdurashid.o
ar: abzal.o: Inappropriate file type or format
felixnowman@Felixs-MacBook-Air codes % cat Abzal.o
????
    ? 8h?h__text__TEXT8?@?__cstring__TEXT8
__compact_unwind__LDH  X2`?0
                                P????{??C?????_??  ???(?????{A?????_?salom %d
8(-$L =#88l_.str_abzal_printf1tmp21tmp11tmp0
felixnowman@Felixs-MacBook-Air codes % cat abzal.c

#include <stdio.h>
void abzal(int arg){
    printf("salom %d\n", arg);
}

felixnowman@Felixs-MacBook-Air codes % gcc -c abzal.c Abdurashid.c
felixnowman@Felixs-MacBook-Air codes % ls
Abdurashid.c    Abzal.o        lab-2_Task1.c    output
Abdurashid.o    abzal.c        libfoo.a
felixnowman@Felixs-MacBook-Air codes % ar crv libfoo.a Abzal.o Abdurashid.o
a - Abzal.o
a - Abdurashid.o
felixnowman@Felixs-MacBook-Air codes % vim lib.h
felixnowman@Felixs-MacBook-Air codes % cat abzal.c Abdurashid.c

#include <stdio.h>
void abzal(int arg){
    printf("salom %d\n", arg);
}

#include <stdio.h>
void abdurashid(char* arg){
    printf("salom %s\n", arg);
}
felixnowman@Felixs-MacBook-Air codes % vim lib.h
felixnowman@Felixs-MacBook-Air codes % vim lab2-Task-2.c
felixnowman@Felixs-MacBook-Air codes % gcc -o program program.o libfoo.a
clang: error: no such file or directory: 'program.o'
felixnowman@Felixs-MacBook-Air codes %

```