

M4 – IDEs (VS Code) LAB Tips

CS 136L S23 – Week 6

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Lab4 Q1

`./compile exec [.in] [.args] file.{c,o} [compiler arguments]`

Examples

```
./compile exe1 main.c
```

```
./compile exe2 main.c file1.c file2.c /u2/cs136l/pub/common/cs136.o
```

```
./compile exec test.in main.c -g file2.c ~cs136l/pub/common/cs136.o
```

```
./compile yolo test.args main.c file1.c -std=c99 -Wall /u2/cs136l/pub/common/cs136.o -g
```

```
./compile a.out test.in test.args main.c /u2/cs136l/pub/common/cs136.o -l/u2/cs136l/pub/common/
```

Lab4 Q1 Cont'd

- Test cases: `/u2/cs1361/pub/lab4/q1/`
- Coding tips
 - `[ "${filename##*\.*}" == "in" ]`: test file extension
 - `shift`: move all arguments to the left by one
 - `$@`: give a space delimited list of all the arguments
 - `[ -z $INFILE ]`: test string is empty

Lab4 Q2

- You need to put the run.txt and *.json files in the same directory and zip.
- Do not nest .json files in the .vscode directory
- You may name the .zip file any name you want if we do not specify the submission file name