

CSE216 Programming Abstractions

Regex Test

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Regex

- A POSIX standard for regular expressions
- In this recitation, we are preparing for the regex library
 - It should be installed on your system already
- TODO: download `reci_regexp_test.c` and compile it with `gcc`

To Compile

- In Windows:

```
> where gcc  
C:\Program Files (x86)\mingw-w64\  
i686-8.1.0-posix-dwarf-rt_v6-rev0\mingw32\bin\gcc.exe
```

Copy ...\mingw32\opt\include**regex.h** to your local directory
Copy ...\mingw32\opt\lib**libregex.a** to your local directory

```
> gcc reci_regexp_test.c libregex.a
```

- In Linux and Mac:

```
$ gcc reci_regexp_test.c
```

To Compile

- Expected output

```
> a.exe  
Lexical analysis:  
( fun x -> x + 1 ) 20  
( fun:id x:id - > x:id + 1:num ) 20:num
```