CS120 Lab 4 Section 6

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Quiz for Week 3 Answers

- In C++ a library is a file containing code that can be used in other programs.
  What't the difference between a library and a header ?
  http://stackoverflow.com/questions/924485/
  whats-the-difference-between-a-header-file-and-a-library

  ```
  #include<stdio.h>
  main() {
      printf("haiii");
  }
  ```

  - header file: interface
    - contains the function (printf) declaration;
    - during preprocessing, the printf function is replaced by the function declaration;
  - library file: implementation
    - contains the function (printf) definition;
    - during linking, the fucntion declaration is replaced with the function definition. Obviously, everything will be in object while linking.

Quiz for Week 3 Answers (continue)

- A conditional is used in a program to control whether or not a piece of code is executed.
  To be exact, instead of "a piece of code", it's "a block of code".
- The following code snippet will print Its true. (Type Conversion)

```
int x = 15;
if(x + 20 > 2 * x){
    cout << "It's true";
}
```

- The following code snippet will print the word here exactly ten times.

```
int x = 0;
while (x<10) {
    cout << "here";
}
```

Missed the x += 1; or x = x + 1; statement part;

- The following code snippet will print the value 2.

```
int x = 25;
double y = 10;
cout << x/y;
```

Quiz Week 3 Scores Distribution

- Quiz for Week 3 Distribution

Score	2	3	4	5	Missed
Section 4 Count (22)	0	4	12	5	1
Section 6 Count (24)	2	4	4	10	4

- Lab 2 & Assignment 2 & 3: Haven't got access yet, zipped file was filtered out by UI mail system yesterday;
- Lab 3: Got grading criteria this morning;
- Lab 3, Quiz Week 4 will be handed back during coming lab for sure;
- Will get these cscheckin files on hand and grade them as soon as possible.

Lab 4 Specific Requirements

- cscheckin:
  - Source Programs only, with file names specifically named to be:
    - piLab4Section4.cpp
    - eLab4Section4.cpp
- Hard Copy:
  - Source Programs
  - Outputs of the programs