Hello world

Comp Sci 1570 Introduction to C++

Outline

Events to attend!

Minerama

When TODAY, August 25th, 11am-2pm

Where Outside by 'the puck'

What Check out all the good things to get involved with on campus

ACM Recruitment Drive (with food)

When Thursday, August 31st, 6pm-7pm

Where CS 207 (pending approval)

What 10 minute presentation from each special interest group (SIG) of Association of Computing Machinery (ACM)

Outline

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1 Admin notes for the day

2 C++
Design philosophy
Your first program

3 Assignment 1

"One underlying design philosophy of C++ can be summed up as "trust the programmer", which is both wonderful, because the compiler will not stand in your way if you try to do something unorthodox that makes sense, but also dangerous, because the compiler will not stand in your way if you try to do something that could produce unexpected results. That is one of the primary reasons why knowing what you shouldn't do in C/C++ is almost as important as knowing what you should do, because there are quite a few pitfalls that new programmers are likely to fall into if caught unaware."

Outline

Hello world


```
#include <iostream>

int main()
{
  std::cout << "Hello world!" << std::endl;
  return 0;
}
```

Check out actual source

Open in codeblocks

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Assignment 1

`https://sites.google.com/a/mst.edu/price/courses/cs-1570/hw/2017`

- Algorithm development
- How to submit
  - Finish the actual homework
  - Either:
    1) sit at an actual lab computer,
    2) ssh in, or
    3) use putty,
    to put yourself at the Linux command line on our lab computers
  - cd to the directory with the files you would like to submit
  - cssubmit 1570 d 1
  - How you move the files between computers, and where you work, is up to you.
- Walk through demo via ssh, fg++, cssubmit