

Pop Quiz 1: variables and constants

Introduction to programming in C++ (CSC 100) SP 24

"Unusually ungraded & amazingly anonymous"

Write a C program that:

1. declares π as a permanent constant with the value 3.14159.

2. computes the circumference of a circle with radius 10.

3. prints input output values (including π) on a line each with 5 digits after the decimal point.

4. When you've written the code by hand, open Emacs, open a new Org-mode file, enter and run your code to check if it is correct – the output should look like shown below. Remember that, in Org-mode, you can run one line at a time.

```
Pi: 3.14159
Radius: 10.00000
Circumference: 62.83180
```