CSC111
Spring 2020

Review For Exam 1

Please make sure you have these skills and knowledge. Study anything on this sheet that is unfamiliar to you.

You should know these terms:

keywords	underflow	function prototype	right associativity
literals	keyboard buffer	function call	the stack
identifiers	namespaces	parameters	variable scope
preprocessor directives	main memory	pass by reference	static variables
variables	binary	pass by value	local variables
constants	binary files	RAM	string vs char
functions	text files	stream operator	int vs float
operators	precision	modulus	float vs double
punctuation	debugging	integer division	int vs short
whitespace	expressions	typecasting	int vs long
alphanumeric	statements	logical operators	for vs while
ASCII	variable declaration	boolean	void
return type	variable initialization	floating point precision	bool
variable type	function signature	infinite loop	bit vs byte
variable size	function header	operator precedence	nested if
overflow	function definition	left associativity	nested loop

You should know these functions/operators/options:

str.length()	if	<, >, ==, <=, >=	if, else if, else, switch
cin.ignore()	while, for	cout	//, /* comment */
cin.get()	++, –, +=, -=	#include	\n, \t, endl, \", \\
cin.getline()	str[n]	using namespace	static_cast<int>(3.7)
setw	sizeof()	const	continue
setprecision	073	int	break
showpoint	0xEF67	float	static
infile.open()	0b11001111	double	int myF(int &myVar)
inflie.close()	43L	short	
<<	52LL	long	
>>	31f	char	
*, /, + , -, %	‘c’ and “c”	bool	
||, &&, !	= vs ==	do, while, for	

If you are uncertain about how to use anything listed here, you should read the book and do practice problems on the concepts. If you get stuck, please email me!

For the test, make sure you can spot bugs and syntax errors in code, use functions that are already written, trace through programs with functions and loops to predict output, and write your own computer program from a spec. I’m rooting for you!