

Introduction to Computing
CS 151 - ON60
Quiz 02 Solutions

- a. In the program below, for each error, write the line number and its corrected line.

```
1 #include <iostream>
2 using namespace std
3
4 int Main()
5 {
6     cout << "Good evening\n";
7     return 0;
8 }
```

Solution:

```
2 | using namespace std;
4 | int main()
```

- b. For the expression below, what will be the operands of the final operation evaluated

$(1 + 2 * 3) \% 4 + 5 * 6 / 7 - 8 * 9$

Solution:

4 and 72

- c. What is the name of the operation for string objects?

Solution:

concatenation

- d. What are the two types of Boolean operations?

Solution:

relational and logical operations

- e. For each data type pair provided, state whether the size of the left data type is larger than, smaller than or equal to the size of the right data type

	Larger Than	Smaller Than	Equal To
(int, unsigned short)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(float, int)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(unsigned long, long double)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(bool, char)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Solution:

	Larger Than	Smaller Than	Equal To
(int, unsigned short)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
(float, int)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
(unsigned long, long double)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
(bool, char)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

- f. What a cout statement(s) that will display the image below

```
* * * * *  
* * * * *  
* * * *  
* *  
*
```

Solution:

```
cout << "*****\n*****\n***\n**\n*";
```