

National University of Computer & Emerging Sciences

Student Name: _____

Program: BS (CS)

Semester: Spring 2024

Time Allowed: 15 minutes

Course: CS1002 - Programming Fundamentals

Roll No: _____

Quiz#01

Marks: 10

Date: February 13, 2024

Instructor: Engr Umer Haroon

Code	Output
<pre>int main () { int x = 5, y = 7; if ((x++ > 5 && y-- < 7) (x-- < 6 && ++y > 6)) cout << "x is greater than y"; else if (++x < --y) cout << "x is less than y"; else if (x == y) cout << "x is equal to y"; else cout << "not comparable"; return 0;}</pre>	<p>x is equal to y</p>
<pre>int main () { int x = 10; if ((x-- > 5 && x++ < 10) (--x <= 5 && x++ == 10)) cout << "x is greater than 5"; else if (x == 5) cout << "x is equal to 5"; else cout << "x is in an unexpected condition"; return 0;}</pre>	<p>x is greater than 5</p>
<pre>int main () { int x = 15; if ((x % 2 == 0 && x % 3 == 0) (x % 2 != 0 && x % 3 != 0)) cout << "x is prime"; else if (x % 2 == 0) cout << "x is divisible by 2"; else if (x % 3 == 0) cout << "x is divisible by 3"; else cout << "x is in an unexpected condition"; return 0;}</pre>	<p>x is divisible by 3</p>
<pre>int main () { int a = 5, b = 3, c = 8; if ((++a * b--) - (a++ * ++b)) cout << a << b << c << endl; return 0;}</pre>	

Note: Ignore the missing parts of the program structure, such as 'using namespace std;' and 'include <iostream>.'