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Course code/Course: CPE C103/Programming Logic and Design
Section: 102G

Practice Problems - Intro to C++

Understanding Variables. Upload our file.

Direction:
Determine whether the following variable names are acceptable or not. Write ACCEPTABLE / NOT ACCEPTABLE

1. percent — answer. ACCEPTABLE
2. Five5_five5 — answer. ACCEPTABLE
3. annual profit — answer. NOT ACCEPTABLE
4. _1990_tax — answer. ACCEPTABLE
5. savings#account — answer. NOT ACCEPTABLE
6. double — answer. NOT ACCEPTABLE
7. 9winter — answer. NOT ACCEPTABLE
8. wage125 — answer. ACCEPTABLE
9. point_2_point — answer. ACCEPTABLE
10. _gross — answer. ACCEPTABLE

Understanding Operators

I. To what value do each of the following expressions evaluate?

1. (1 + 2 * 3) — answer. 7
2. 10 % 3 * 3 – (1 + 2) — answer. 0
3. ((1 + -2) * 3) — answer. -3
4. (5 == 5) — answer. 1
5. x = 25 – (2 * -(10 + 4)) — answer. x = 53

II. If x = 4, y = 6 and z = 2, determine whether each of the following evaluates true or false.

1. x == 4 — answer. true
2. x != y – z — answer. false
3. (z-- == 1) — answer. false
4. (2y–x ==z)&&(y==x+z) — answer. false
5. !((5==z++) || (--y-x == 2)) — answer. true