CS1050 – C Programming Quiz 2 SPRING 2016  
There are 10 questions on this quiz. Fill out the answer sheet with your choices and turn the quiz in. DO NOT PUT YOUR ANSWERS ON THIS SHEET – RECORD THEM ON THE ANSWER SHEET ONLY.

1. T / F The “C” language has only 7 types of control statements.
2. What is the value of “i” when the while statement below is executed ?   
    int i = 10;  
    while (i < = 100) {  
    //sum=sum+7;// This does not matter it is a distraction.  
    i+=5; }  
     
   a) 95 b) 100 c) 105 d) none of these
3. T / F – An “if” statement must always use curly braces { } to work properly.
4. If I have the following code, what will be the result printed from the printf() below?  
    int a=1, b=2, c=5;  
    b = b + 3; 5  
    c = c / 5 1  
    a = a + b \* c; 11  
    printf(“%d”, a);
5. How many times will this “while” statement execute:  
    int count= 6;  
    while (count <= 24)  
    count+=6;  
     
    a) 3 b) 5 c) 4 d) none of these
6. T / F If I wanted to write a program that would repeat a process an **indefinite** number of times I would use counter-controlled repetition. Sentinel control
7. What will the following statement print out if number = 75?   
    number >= 88 ? (This is called a Ternary operator) printf (“Bad”) : printf (“Good”);  
   Basically if the statement is true you print the first one. If it is false print the next one

If (num>=88)

{

Pf(bad)

}

Else

{

Pf(good

}

1. If I have the following code, what will “total” equal if a = 5, b = 2 and c = 10?  
    int total = a + b \* c – (c + a) / 3 \* b;
2. What will be the printed output from the code below:  
   int a = 10, b = 5;  
   if (a > = 9) ( This doesn’t print anything)  
    if (b == 5)  
    printf(“xxx”);  
   else  
    printf (“yyy”);  
     
   a) xxx b) yyy c) nothing will be printed
3. What will the printf() statement below display when it executes?  
    printf(“%.2f”, 8.546);

C rounds it to the precision so the answer is 8.55  
  
ANSWERS NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
SPRING 2016 LAB SECTION \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
  
  
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