CS1050 - C Programming Quiz 4 SPRING 2016

There are 10 questions on this quiz. DO NOT PUT YOUR ANSWERS ON THIS SHEET – RECORD THEM ON THE ANSWER SHEET ONLY.

Use the following code for the next question.

1. #include <stdio.h>

2 double divideit( double x, double y); function prototype

3 double z = 14, t = 42;

4 int main ( void )

5 {

6 if (z < 15)

7 {

8 int t = 28;

9 }

10 double answer = divideit(z, t); calling a function

11 printf(“%lf”, answer);

12 return 0;

13 }

14 double divideit(double fred, double sue) Defining a function

15 {

16 return sue / fred;

17 }

1. Which line of code has a function prototype?

2

1. Assuming there are NO compile errors, what will line 11 print out?
2. Write down the name of **all** of the functions in use in this program.

Main

Printf

Divideit

1. List just **one** variable that has global scope.

T=42

1. List just **one** variable that has local scope.  
   t=28
2. Write a function prototype for the function used below:  
    int fred=0, sue=1;  
    double mark= 17;  
    sue = changeThis(mark, fred);

Int ChangeThis( double, int);

1. Write a **single** “C” statement that will read in an **integer** variable **x** with a function that we have used for input in labs.

Scanf(“

1. T / F A function can be defined inside another function.  
     
     
     
     
     
     
     
     
     
     
     
     
   C PROGRAMMING QUIZ 4 SPRING 2016 NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   ANSWER SHEET LAB SECTION \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
     
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   8) T / F