

Introduction to Computing
CS 151 - ON60
Quiz 04 Solutions

- a. What is a function prototype?

Solution:

A function prototype is a function declaration.

- b. Write the function prototype of the void function named G() that takes an int reference parameter and two char parameters respectively

Solution:

```
void G(int&,char,char);
```

- c. Write the trace table list of the caller D(5,9) where D() is defined below

```
double D(double a,double b)
{
    double s = 2 * (a + b);
    s /= 4;
    return s;
}
```

Solution:

```
01.  a := 5, b := 9
02.  s := 28
03.  s := 7
05.  return := 7
```

- d. Write the definition of the string function named L() that takes no parameters and returns a string of a line of 10 asterisks

Solution:

```
string L()
{
    return "*****";
}
```