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 Section #: _____ 6L _____

Take Home: Quiz 2 (20 pts) - Introduction to Computer Programming and C

NOTE: Submit a hard-copy to your lab by no later than next week!

1. (2 pts) In your own words, what is a structure chart?
 - a. A structure chart is a flow chart that describes what the program will do. The problem is divided up into small sub-problems which can be solved using different functions/methods.
2. (2 pts) True/False: An integer number, n , may be determined to be even or odd by evaluating the following expression: $n \% 2$. True
3. (2 pts) What is the resultant ASCII value of 'D' + 4 ? ____H_____
4. (2 pts) The printf() in the <stdio.h> library is the library standard library function is used to display information to a screen.
5. (2 pts) Every C program begins execution at the function: main().
6. (3 pts) What C data types should be used to represent the following? You may list *int*, *double*, and/or *char* only.
 - a. Average height, in inches, of humans _double_(because division)
 - b. IQ int_____
 - c. Eye color _char_____
7. (7 pts) Circle or underline all syntax, logic, and runtime errors found in the following C fragment. Be sure to circle omitted keywords, values, and punctuation.

```

int main (void);           should be: int main(void)
{
    int number1 = 0; number2 = 0;

    print ("Enter two numbers: ");           should be printf ("Enter...");
    scanf ("%lf", &number1, number2);        should be scanf( "%d %d",
&number1, &number2);

    return;_needs to return a value ie. Return 0;
}
  
```