**CC112 STRUCTURED PROGRAMMING**

**ASSIGNMENT #2**

**STUDENT NAME:**

**STUDENT I.D:**

**DEPARTMENT: CLASS:**

**LECTURE:** DR.

**L.A/G.T.A:** ENG.

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**QUESTION #1: Write a C program that prints out the following message:**

“Hello there,

that’s me writing my own C program”

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**QUESTION #2: Extract the error of the following C code**:

void main()

{printf(“hello world! This is my first C program.\n”);

return 0;

}

**QUESTION #3:**

Given the following numbers as inputs to the given *scanf* statement, what are the values of the variables a, b, c, and d after the execution of the *scanf* statement?

10 20 30 40

scanf (“%3d %d %f %c”, &a, &b, &c, &d);

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**QUESTION #4:**

If X = 234, Y = -234, Z = -99.42, and K = 999.4, what is the output of the following statements?

printf(“%4d %7f %5.2f %6.1f”, X, Y, Z, K);

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printf(“%5d %d %.2f %2.2f”, X, Y, Z, K);

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**QUESTION #5:**

Assume that an input is entered and equals 123.235, what is the value of X in each of the following cases?

scanf(“%f”,&X);…………………………………………………………………………

scanf(“1%f”,&X);………………………………………………………………………

scanf(“2%f”,&X); ………………………………………………………………………

scanf(“3%f”,&X); ………………………………………………………………………