**ECE 3331, Dr. Hebert, Spring 2017 HW 10 due 04/11 11:59 pm**

**Problem 1. Chapt 7. Programming exercises 7.2 pg 382. Write function check( ) only.**

int check( char \* str, char c)

{

if(strchr(str, c) == NULL)

return 0;

else

return 1;

}

**Problem 2. Chapt 7. Programming exercises 7.8 pg 383.**

int store(int\* numarray, FILE\* fin)

{

int j = 0;

fscanf(fin, "%d", numarray++);

while(!feof(fin) && j < 100)

{

fscanf(fin, "%d", numarray++);

j++;

}

return j;

}

void average\_deduct(int\* numbs, int count)

{

int i = 0, store = 0;

int\* array = numbs;

while( i++ < count)

{

store += \*array++;

}

store /= count;

i = 0;

while( i++ < count )

{

\*numbs++ -= store;

}

}

int main()

{

FILE\* fin = fopen("numbs.txt", "r");

int numbs[100];

int num\_tot = store(numbs, fin);

average\_deduct(numbs, num\_tot);

int i = 0;

fclose(fin);

}

**Problem 3. Section 9.5, Exercise 1.**

String1: “ABC”

Num: 1.23

String2: “pqr34”

**Problem 4 Section 9.5, Exercise 3.**

Th

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**Problem 5. Section 9.5, Exercise 6.**

CZ

] ispunct

7 isalnum

**Problem 6. Section 9.5, Exercise 9.**

Sscanf( s, “%lx”, &val );

**Problem 7. Section 9.5, Exercise 11.**

Sprint( s, “%lo”, numb);

**Problem 8. Section 9.7, Exercise 1**

ABBQA

**Problem 9. Section 9.7, Exercise 2**

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