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X52.9008 – 01

Tues 6:30-9:00PM

June 29, 2010

HW # 6 --Chapter 11 # 10, 12

11.10) Rewrite the compareStrings function from Chapter 10 to use character pointers instead of arrays.

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11.12) Given the following declarations:

char \*message = “Programming in C is fun\n”;

char message2[] = “you said it\n”;

char \*format = “x = %i\n”;

int x = 100;

determine whether each printf call from the following sets is valid and produces the same output as other calls from the set.

/\*\*\* set 1 \*\*\*/

printf (“Programming in C is fun\n”);

printf (“%s”, “Programming in C is fun\n”);

printf (“%s”, message);

printf (message);

/\*\*\* set 2 \*\*\*/

printf (“You said it\n”);

printf (“%s”, message2);

printf (message2);

printf (“%s”, &message2[0]);

/\*\*\* set 3 \*\*\*/

printf (“said it\n”);

printf (message2 + 4);

printf (“%s”, message2 + 4);

printf (“%s”, &message2[4]);

/\*\*\* set 4 \*\*\*/

printf (“x = %i\n”, x);

printf (format, x);