

Lab Homework 4 – Due 04/16/2009

Name: \_\_\_\_\_

Section: 8:00 11:00 12:30 6:30

Using the String Library

Below are some code blocks, including the definition of some strings and some calls to the string library. You must write in the provided blanks the output written with `printf`. Each problem is worth 2 points, for a total of 18 points.

|   |   |
|---|---|
| <p><b>Code:</b></p> <pre>char str1[] = "cake"; char str2[100] = "let them eat"; str2[13] = ' '; str2[14] = 0; strcat(str2,str1); printf("%s",str2);</pre>                                       | <p><b>Code:</b></p> <pre>char str1[100] = "That is quite a fine idea"; char str2[] = "Cake";  strncpy(str1,str2,4);  printf("%s",str1);</pre>                                     |
| <p><b>A:</b></p>  | <p><b>A:</b></p>  |
| <p><b>Code:</b></p> <pre>char str1[] = "What a wonderful day."; char str2[] = "What a terrible day.";  if ( strcmp(str1,str2) &lt; 0 ) { printf("%s",str1); } else { printf("%s",str2); }</pre> | <p><b>Code:</b></p> <pre>char str1[11] = "Here: "; char str2[] = "I have too much stuff to fit!";  strncat(str1,str2,10-strlen(str1)); str1[10] = '\0';  printf("%s",str1);</pre> |
| <p><b>A:</b></p>  | <p><b>A:</b></p>  |