

Department of Computer Science
CSC215 – Procedural Programming
Lab 8. String functions

Write and run the following program.

```
#include <stdio.h>
#include <string.h>

int main()
{
    char n[100], s[100], t[100];

    printf("Enter s string \n");
    scanf("%s",s);// input the word "hello"
    printf("strlen(...) = %d\n", (int) strlen(s));

    printf("Enter t string \n");
    scanf("%s",t);// input the name "Khalid"
    printf("strlen(...) = %d\n", (int) strlen(t));

    strcpy(s, t);
    strcat(s, t);
    printf("\nstrcat(s, t) = %s", s);

    printf("\n\n\nSome other String functions\nInput a number
here>");
    scanf("%s", n);// input 1234
    int d = atoi(n);
    printf(" atoi([the number]) = %d", d);

    printf("\n strchr(t, 'a') = %s", strchr(s, 'a'));
    printf("\n strstr(t, \"hal\") = %s", strstr(s, "hal"));

    return 0;
}
```