

Example: strassign.c

```
#include <stdio.h>
#include <string.h>
#define MAXLENGTH 5
int main()
{
    char name1[MAXLENGTH] = "Ann";
    char name2[] = "Ann";
    char *name3 = "John";
    char name4[MAXLEN];

    printf("\nBEFORE\nname1=%s, name2=%s, name3=%s",
           name1, name2, name3);
    strcpy(name1, "Fred");
    strcpy(name2, "Fred");
    strcpy(name4, name1);
    name3 = name2;
    printf("\nAFTER\nname1=%s, name2=%s, name3=%s, name4=%s",
           name1, name2, name3, name4);

    strcpy(name1, "Jack");
    strcpy(name2, "Jim");
    printf("\nLAST\nname1=%s, name2=%s, name3=%s, name4=%s",
           name1, name2, name3, name4);
    return 0;
}
```