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```
/* χρήση της strcat() strncat() */
```

```
#include <stdio.h>
#include <string.h>
char str1[27]="a";
char str2[2];
main()
{
    int n;
    str2[1]='\0';
    for(n=98;n<123;n++)
    {
        str2[0] = n;
        strcat(str1,str2);
        puts(str1);
    }
}
```

---

```
#include <stdio.h>
#include <string.h>
main()
{
    char fn[10],fan[10],ln[20],nch[80];
    printf("\nenter the firstname, father, lastname ");
    scanf("%s %s %s", fn, fan,ln);
    strncat(nch,fn,1);
    strcat(nch," ");
    strncat(nch,fan,1);
    strcat(nch," ");
    strcat(nch,ln);
    printf("\nthe name is %s", nch);
}
```

---

```
/* χρήση της strcmp */
```

```
#include <stdio.h>
#include <string.h>
main()
{
    char str1[80],str2[80];
    int x;
    while (1)
    {
        printf("\ninput the first string");
        gets(str1);
        if (strlen(str1)== 0)
            break;
        printf("\ninput the second string");
        gets(str2);
        x= strcmp(str1,str2); // x=strncmp(str1,str2,3);
        printf("\nstrcmp(%s,%s) returns %d ",str1,str2,x);
    }
}
```

---

```
/* χρήση της strchr */
```

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

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

```
main()
```

```
{
```

```
    char *loc, buf[80];
```

```
    int ch;
```

```
    printf("\nenter the string ");
```

```
    gets(buf);
```

```
    printf("\nenter the character ");
```

```
    ch=getchar();
```

```
    loc=strchr(buf,ch); // loc=strrchr(buf,ch);
```

```
    if (loc == NULL)
```

```
        printf("\nthe character %c was not found ", ch);
```

```
    else
```

```
        printf("\nthe character %c was found at position %d ", ch, loc-buf);
```

```
    return 0;
```

```
}
```

---

```
/* χρήση της strrev, strnset, strset */
```

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

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

```
main()
```

```
{
```

```
    char str[]="this is a string";
```

```
    printf("\nthe original string: %s ",str);
```

```
    printf("\nstrrev() %s ",strrev(str));
```

```
    printf("\nstrrev() %s ",strrev(str));
```

```
    printf("\nstrnset() %s ",strnset(str,'*',5));
```

```
    printf("\nstrset() %s ",strset(str, '*'));
```

```
    return 0;
```

```
}
```

---