

```
/* strlen.c */
```

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

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

```
int main(void)
```

```
{
```

```
    char str[100];
```

```
    while(1){
```

```
        fgets(str, sizeof(str), stdin);
```

```
        printf("Length of string : %d \n", strlen(str));
```

```
    }
```

```
    return 0;
```

```
}
```

```
/* strcat.c */

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

int main(void)
{
    char str1[30]="Your favorite language is "; // null 문자 포함 27문자.
    char str2[10];

    fputs("What is your favorite computer lanaguage ? : ", stdout);
    fgets(str2, sizeof(str2), stdin);

    strcat(str1, str2);
    printf("String : %s \n", str1);
    return 0;
}
```

```
/* strcmp.c */

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

char* str1="ABC";
char* str2="ABD";

int main (void)
{
    int result;

    result=strcmp(str1, str2);

    if(result>0)
        puts("str1 이I str2보다 큼니다");
    else if(result<0)
        puts("str2가 str1보다 큼니다");
    else
        puts("두 문자열이 정확히 같습니다");

    return 0;
}
```

```
/* atoi.c */
```

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

```
#include <stdlib.h>
```

```
int main()
```

```
{
```

```
    char * str1 = "123";
```

```
    char * str2 = "321";
```

```
    printf("123 + 321 : %d ", atoi(str1)+atoi(str2));
```

```
    return 0;
```

```
}
```