

```
//mystrcpy
```

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

```
void strcpy(char str2[], char str1[])
```

```
{
    int i;
    for(i=0; str1[i]!='\0';i++)
    {
        str2[i]=str1[i];
    }
    str2[i]='\0';
}
```

```
int main()
```

```
{
    char str1[20], str2[20];

    printf("Enter the string: ");
    scanf("%s",&str1);

    strcpy(str2,str1);

    printf("Copied String is: %s",str2);
}
```

```
//mystrlen
```

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

```
int Strlength(char s[])
```

```
{
    int i, length=0;

    for(int i=0;s[i]!='\0';i++)
    {
        length++;
    }
    return(length);
}
```

```
int main()
```

```
{
    char s[20];
    int length;

    printf("Enter the string: ");
    scanf("%s",&s);
}
```

```

        length=Strlength(s);
        printf("Length of the string is: %d",length);
        return 0;
}

```

//mystrcmp

```

#include<stdio.h>
int mystrcmp(char* s1,char* s2);

int main()
{
    char s1[20]="Chinmay";
    char s2[20]="Chinmay";
    printf("%d", mystrcmp(s1,s2));
}
int mystrcmp(char* s1,char* s2)
{
    int i=0;

    while(s1[i]!='\0' || s2[i]!='\0')
    {
        if(s1[i]!=s2[i])
        {
            if(s1[i]>s2[i])
            {
                return 1;
            }
            else
            {
                return -1;
            }
        }
        i++;
    }
    return 0;
}

```

//mystrncat

```

#include<stdio.h>

void concat(char s1[20], char s2[20])
{
    int i, length=0;

    for(i=0;s1[i]!='\0';i++)

```

```

        {
            length++;
        }
        for(i=0;s2[i]!='\0';i++)
        {
            s1[length+i]=s2[i];
        }
        s1[length+i]='\0';
    }
int main()
{
    char s1[20], s2[20];

    printf("Enter the string 1: ");
    scanf("%s",&s1);

    printf("Enter the string 2: ");
    scanf("%s",&s2);

    concat(s1,s2);

    printf("Concat String is: %s\n",s1);
    return 0;

}

```

//mystrlower

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

```
void lower(char s[])
{
```

```
    int i=0;
```

```
    while(s[i]!='\0')
```

```
    {
```

```
        if(s[i] >= 'A' && s[i] <= 'Z')
```

```
        {
```

```
            s[i]=s[i]+32;
```

```
        }
```

```
        i++;
```

```
    }
```

```
}
```

```
int main()
```

```
{
```

```
    char s[20];
```

```

        printf("Enter the string: ");
        scanf("%s",&s);

        lower(s);

        printf("Lower case: %s",s);
        return 0;
}

//mystrupper

#include<stdio.h>

void Stringupper(char s[])
{
    int i=0;

    while(s[i]!='\0')
    {
        if(s[i] >= 'a' && s[i] <= 'z')
        {
            s[i]=s[i]-32;
        }
        i++;
    }
}

int main()
{
    char s[20];

    printf("Enter the string: ");
    scanf("%s",&s);

    Stringupper(s);

    printf("Uppercase the string: %s\n",s);
    return 0;
}

```