TYPES OF FUNCTIONS

```c
#include<stdio.h>
#include<string.h>
void copy(char s,char s1);      //With Arguments Without Return(Type 1)
void concat(char s,char s1);    //With Arguments Without Return(Type 1)
int  length(char s);            //With Arguments With Return(Type 2)
int  compare();                 //Without Arguments With Return(Type 3)
void lower();                   //Without Arguments Without Return(Type 4)
void upper();                   //Without Arguments Without Return(Type 4)
char s[50],s1[50];
int len,result;
void main()                     //Main Funtion
{
int ch;
printf("1.Copy The Strings\n 2.Concatetion Of Strings\n 3.Length Of
String\n 4.Compare The Strings\n 5.Convert String To LowerCase\n
6.Convert String To UpperCase\n");
scanf("%d",&ch);
switch(ch)
{
 case 1:   printf("Enter The Strings To Copy\n");
           scanf("%s %s",s,s1);
           copy(s,s1);
           break;
 case 2:   printf("Enter The Strings To Concatenate\n");
           scanf("%s %s",s,s1);
           concat(s,s1);
           break;
 case 3:   printf("Enter The String To Find The Length Of String\n");
           scanf("%s",s);
           len=length(s);
           printf("The Length Of The String Is--->>%d",len);
           break;
 case 4:   result=compare();
           if (result==0)
            printf("Both The Strings Are Same\n");
           else
            printf("Both The Strings Are Not Equal\n");
           break;
 case 5:   lower();
           break;
 case 6:   upper();
           break;
 default : printf("Please Enter A Valid Option\n");
 }
 }
 void copy(char s,char s1)                      //Function Definition
 {
   char copy;
   copy=strcpy(s,s1);
   printf("The Copied String Is---->>%s",copy);
 }
```

```c
void concat(char s,char s1)                    //Function Definition
{
  char concat;
  concat=strcat(s,s1);
  printf("The Concatenated String Is----->>%s",concat);
}
int length(char s)                             //Function Definition
{
 int len;
 len=strlen(s);
 return(len);
}
int compare()                                  //Function Definition
{
 char s[50],s1[50];
 int res;
 printf("Enter The Strings To Compare\n");
 scanf("%s %s",s,s1);
 res=strcmp(s,s1);
 return(res);
}
void lower()                                   //Function Definition
{
 char s,res;
 printf("Enter The String To Convert To LOWER\n");
 scanf("%s",s);
 res=strlwr(s);
 printf("The Converted String Is-->>%s",res);
}
void upper()                                   //Function Definition
{
 char s,res;
 printf("Enter The String To Convert To UPPER\n");
 scanf("%s",s);
 res=strupr(s);
 printf("The Converted String Is-->>%s",res);
}
```