**//string intilization**

#include<stdio.h>

int main()

{

char name[10];

printf("enter your name:");

scanf("%s",&name);

printf("your name is:%s",name);

return 0;

}

**//string to print with whitespaces**

#include<stdio.h>

int main()

{

char name[50];

printf("enter your name:");

scanf("%[^\n]s",&name);

printf("your name is:%s",name);

return 0;

}

**//using gets() and puts() functions**

#include<stdio.h>

int main()

{

char name[50];

printf("enter your name:");

gets(name);

printf("your name is:%s");

puts(name);

return 0;

}

**//string handling using functions strlen,strnlen,strlwr,strupr,strev**

#include<stdio.h>

#include<string.h>

int main()

{

char str[50]="Kl University Vaddeswaram";

printf("\n The String is %s:",str);

printf("\nThe length of the given string is:%d",strlen(str));

printf("\nThe length of the given string using strnlen is:%d",strnlen(str,7));

printf("\nThe length of the given string using strnlen is:%d",strnlen(str,30));

printf("\nThe lowercase of the given string is:%s",strlwr(str));

printf("\nThe uppercase of the given string is:%s",strupr(str));

printf("\nThe reverse of the given string is:%s",strrev(str));

//printf("\n Now the given string is:%s",str);

return 0;

}

**//strcpy sting copy function**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[50]="kl University Vaddeswaram";

char str2[50];

strcpy(str2,str1);

printf("\n The String1 is %s:",str1);

printf("\nThe String2 is %s:",str2);

return 0;

}

**//strcpy sting function to print n values**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[50]="kl University Vaddeswaram";

char str2[50];

strcpy(str2,str1);

printf("\n The String1 is %s:",str1);

printf("\nThe String2 is %s:",str2);

return 0;

}

**//strcmp string comparasion function**

#include<stdio.h>

#include <string.h>

int main(){

char str1[20],str2[20];

printf("Enter 1st string: ");

gets(str1);//reads string from console

printf("Enter 2nd string: ");

gets(str2);

if(strcmp(str1,str2)==0)

printf("Strings are equal");

else

printf("Strings are not equal");

return 0;

}

**//strcmp string comparision function**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[50]="madam";

char str2[50]="medam";

char str3[50]="madam";

printf("\n The comparasion of str1 and str2 is :%d",strcmp(str1,str2));

printf("\nThe comparasion of str1 and str3 is :%d",strcmp(str1,str3));

printf("\n The comparasion of str2 and str3 is :%d",strcmp(str2,str3));

return 0;

}

**//strncmp sting comparation of n values**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[50]="kl university";

char str2[50]="kl";

printf("\n The comparasion of str1 and str2 is :%d",strcmp(str1,str2));

printf("\nThe comparasion of str1 and str2 is :%d",strncmp(str1,str2,2));

return 0;

}

**//strcat string concatination function**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[50]="welcome to";

char str2[50]="kl university vaddeswaram";

printf("\n str1:%s",str1);

printf("\n str2:%s",str2);

printf("\n The concatination of str1 and str2 is :%s ",strcat(str1 ,str2));

printf("\n the str1 is:%s",str1);

printf("\n the str2 is:%s",str2);

return 0;

}

**//strncat string concatination of n values**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[50]="welcome to";

char str2[50]="kl university vaddeswaram";

printf("\n str1:%s",str1);

printf("\n str2:%s",str2);

printf("\n The concatination of str1 and str2 is :%s ",strncat(str1 ,str2,4));

printf("\n the str1 is:%s",str1);

printf("\n the str2 is:%s",str2);

return 0;

}

**//strchr string charcter from particular character**

#include<stdio.h>

#include<string.h>

int main()

{

char str[50]="welcome to kl university vaddeswaram";

printf("\n str:%s",str);

printf("\n the string from the specified character is:%s",strchr(str,'n'));tr

return 0;

}