**Q. Write a program to perform different string operationsusing string library function such as string length, comparison, concatenation and copy**

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#define max 100

void length()

{

char a[max];

printf("Enter a string: ");

scanf(“%s”,a);

printf("Length Of a entered string is %d",strlen(a));

}

void copy()

{

int l;

char a[max],b[max];

printf("Enter a string: ");

scanf("%s",a);

printf("Copied string a to string b %s ",strcpy(b, a));

}

void comparison ()

{

char a[max],b[max];

printf("Enter First string: ");

scanf("%s",a);

printf("Enter Second string: ");

scanf("%s",b);

if (strcmp(a, b) ==0)

printf("string 1 and string 2 are equal");

else

printf("string 1 and 2 are different");

}

void concatenation ()

{

char a[max],b[max];

printf("Enter First string: ");

scanf("%s",a);

printf("Enter Second string: ");

scanf("%s",b);

strcat(a,b);

printf("After concatenation\nFirst String = %s\nSecond String = %s",a,b);

}

int main()

{

int ch;

char a[max], b[max];

printf(" 1.String Length\n 2.String Copy\n 3.String Comparison\n 4.String Concatenation\nEnter your choice: ");

scanf("%d",&ch);

switch(ch)

{

case 1:

length();

break;

case 2:

copy();

break;

case 3:

comparison();

break;

case 4:

concatenation();

break;

default:

printf("You've entered wrong choice.");

}

return 0;

}

