TITLE 27

Write a C program to copy one string to another using pointers

OBJECTIVE:

Implementation of the pointers and strings

PROBLEM STATEMENT:

In this problem we use pointers to copy one string to another.

ALGORITHM:

START

INPUT: Read from the user

COMPUTATION: Copying one string to another using pointers

DISPLAY: Displaying the output of one string copied to another

STOP

PROGRAM:

#include <stdio.h>

#define MAX\_SIZE 100

int main()

{

char t1[MAX\_SIZE], t2[MAX\_SIZE];

char \* str1 = t1;

char \* str2 = t2;

printf("Enter any string: ");

gets(t1);

while(\*(str2++) = \*(str1++));

printf("First string = %s\n", t1);

printf("Second string = %s\n", t2);

return 0;

}

CONCLUSION:

This problem helps us to use pointer applications in the string based concept.

OUTPUT:

Enter any string: Hello

First string: Hello

Second string: Hello