**TITLE 26**

Write a C program to find length of string using pointers

**OBJECTIVE:**

By the end of this problem we will be able to use pointers in C

**PROBLEM STATEMENT:**

In this problem we aim to calculate the length of a string using pointers. Input is from the user.

Once the input is entered and stored then the output is printed.

**ALGORITHM:**

START

Define variables: p

INPUT: Read from keyboard

COMPUTATION: Compute the count of the string using pointers

DISPLAY: Display the count of the string entered

STOP

**PROGRAM:**

#include<stdio.h>

int main()

{

char\*p,word[20];

gets(word);

p=word;

int count = 0;

while (\*p != '\0')

{

count++;

p++;

}

printf("%d",count);

return 0;

}

**CONCLUSION:**

The simulation of the above C program helped me to understand pointers in a better way and using this knowledge I can solve other programs involving pointers.

**OUTPUT:**

Programming

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