PROGRAM 7

AIM:-To reverse the string and print it.

ALGORITHM

**Step 1:-**INITIALISE using char data type and make a string.

**Step 2:-**INPUT a string in STR.

**Step 3:-** Calculate its length and store in LEN.

**Step 4:-**Repeat Step 5 & 6 till STR[INT]!=’\0’

**Step 5:-**STR2[INT]=STR[LEN]

**Step 6:-**INT =INT+1 & LEN =LEN-1

[End of Step 4]

Step 7:-Exit

**SOURCE CODE**

#include<stdio.h>

main()

{

char a[20],b[20];

system("color F0");

int l=0,x=0;

printf("enter the string=");

scanf("%s",&a);

while(a[l]!='\0')

{ l++; }

printf("\nlength of string=%d",l);

l--;

while(l>=0)

{

b[x]=a[l];

l--;

x++;

}

x++; b[x]='\0';

printf("\nReversed string=%s",b);

}

