

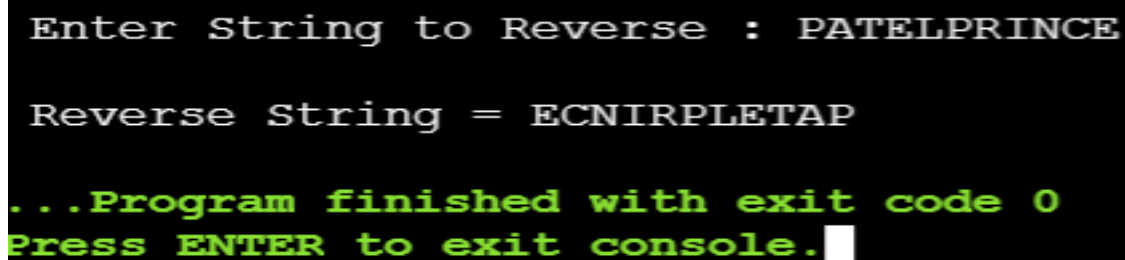
★ PRACTICAL=25 ★

Aim:= Write a program to reverse string.

Filename :=reverse.c

```
#include<stdio.h>
int main()
{ char str[50],rev[50];
  int i,j;
  printf("\n Enter String to Reverse : "); scanf("%[^\n]s",str);
  for(i=0;str[i]!='\0';i++) { } i--;
  for(j=0;i>=0;j++,i--) { rev[j]=str[i];
  }
  rev[j]='\0';
  printf("\n Reverse String = %s",rev);
  return 0;
}
```

OUTPUT:

A screenshot of a terminal window with a black background and white and green text. The text shows the execution of a C program that reverses the string "PATELPRINCE". The output is "ECNIRPLETAP". At the bottom, it says "...Program finished with exit code 0" and "Press ENTER to exit console." with a white cursor box.

```
Enter String to Reverse : PATELPRINCE
Reverse String = ECNIRPLETAP
...Program finished with exit code 0
Press ENTER to exit console.
```