

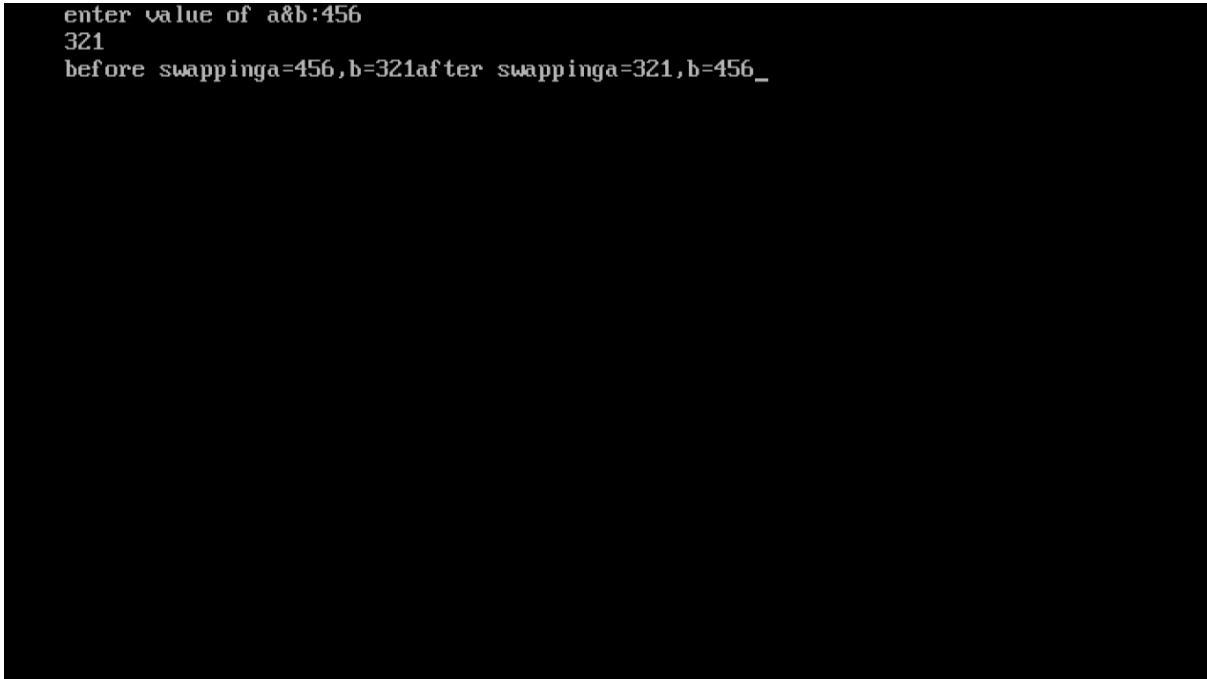
Practical no:1

Question: Write program to interchange contents of C and D variables, input values for these variables through keyboard (without temporary variables)

Program:

```
#include<stdio.h>
#include<conio.h>
Void main ()
{
int a,b;
clrscr();
printf("enter value of a&b:");
scanf("%d%d",&a,&b);
printf("before swapping");
printf("a=%d, b=%d",a,b);
a=a+b;
b=a-b;
a=a-b;
printf("after swapping");
printf("a=%d, b=%d",a,b);
getch();
}
```

Output:

A screenshot of a terminal window with a black background and white text. The text shows the execution of the C program. It starts with the prompt 'enter value of a&b:' followed by the input '456' and '321' on separate lines. The next line shows the output 'before swappinga=456,b=321' followed by a space and 'after swappinga=321,b=456\_'.

```
enter value of a&b:456
321
before swappinga=456,b=321after swappinga=321,b=456_
```