

**★ PRACTICAL=27 ★**

**Aim:=** Write a function Exchange to interchange the values of two variables, say x and y. illustrate the use of this function in a calling function.

**Filename :=**interchange.c

```
#include<stdio.h>
void swap(int *, int *);
int main()
{
    int i=15,j=74;
    printf("\n Values Before Exchange :");
    printf("\n i = %d j = %d",i,j);
    swap(&i,&j);
    printf("\n Values After Exchange :");
    printf("\n i = %d j = %d",i,j);
    return 0;
}
void swap(int *a,int *b)
{
    *a = *a + *b;
    *b = *a - *b;
    *a = *a - *b;
}
```

OUTPUT:

```
Values Before Exchange :
i = 15 j = 74
Values After Exchange :
i = 74 j = 15

...Program finished with exit code 0
Press ENTER to exit console.
```