

# PROGRAM-1

## CODE:

```
C Program_0.c > main()
1  #include<stdio.h>
2  int main(){
3      int a,b;
4      printf("Enter two numbers(1/0):");
5      scanf("%d",&a);
6      scanf("%d",&b);
7      if((a==1 && b==1) || (a==0 && b==0)){
8          printf("Xor output is:0");
9      }
10     else if((a==0 && b==1) || (a==1 && b==0)){
11         printf("Xor output is:1");
12     }
13     else{
14         printf("The input is wrong");
15     }
16
17 }
```

## OUTPUT:

```
PS D:\C Programs> .\Program_0.exe
Enter two numbers(1/0):1 1
Xor output is:0
PS D:\C Programs> .\Program_0.exe
Enter two numbers(1/0):0 1
Xor output is:1
PS D:\C Programs> .\Program_0.exe
Enter two numbers(1/0):1 2
The input is wrong
```

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