

1- Calculate (5 | 6) without using a program

Solution

7

2- Calculate (5 | 9) without using a program

Solution

13

3- Calculate (7 | 11) without using a program

Solution

15

4- Calculate (20 | 11) without using a program

Solution

31

5- Calculate (20 | 33) without using a program

Solution

53

6- Calculate (50 | 33) without using a program

Solution

51

7- Calculate (50 | 66) without using a program

Solution

114

8- Calculate (5 | 66) without using a program

Solution

71

9- Write a program that performs bitwise OR operation between two integers (5 and 80 in this case) and prints the result.

اكتب برنامجًا ينفذ عملية bitwise OR بين عددين صحيحين (5 و 80 في هذه الحالة) ويطبع النتيجة.

Output

```
Result of bitwise OR operation between 5 and 80: 85
```

Solution

```
// www.gammal.tech
#include <stdio.h>

int main() {
    int x = 5, y = 80;

    // Bitwise OR operation
    int result = x | y;

    // Output: Display the result
    printf("Result of bitwise OR operation between %d and %d: %d\n", x, y, result);

    return 0;
}
```

10- Write a program that takes two integers as input from the user, performs bitwise OR operation between them, and prints the result.

اكتب برنامج الذي يأخذ عددين صحيحين كمدخلات من المستخدم، و ينفذ عملية bitwise OR بينهما، ويطبع النتيجة.

Input

```
Enter two numbers: 5 6
```

Output

Result of bitwise OR operation between 5 and 6: 7

Solution

```

// www.gammal.tech
#include <stdio.h>

int main() {
    int x, y;

    // Input: Get two numbers from the user
    printf("Enter two numbers: ");
    scanf("%d %d", &x, &y);

    // Bitwise OR operation
    int result = x | y;

    // Output: Display the result
    printf("Result of bitwise OR operation between %d and %d: %d\n", x, y, result);

    return 0;
}
```
