

```
#include <stdio.h>

int main() {
    int a = 5;
    int b = 9;
    int result;

    // Bitwise AND
    result = a & b;
    printf("a & b = %d\n", result);

    // Bitwise OR
    result = a | b;
    printf("a | b = %d\n", result);

    // Bitwise XOR
    result = a ^ b;
    printf("a ^ b = %d\n", result);

    return 0;
}
```