Q. WRITE A PROGRAM TO SHOWCASE THE FUNCTIONING OF VARIOUS BITWISE OPERATORS.

A. #include<stdio.h>

int main()

{

int a=11,b=12;

printf("%d&%d=%d\n",a,b,(a&b));//coverts numbers into binary code,follows product rule

printf("%d|%d=%d\n",a,b,(a|b));//follows addition rule

printf("%d^%d=%d",a,b,(a^b));//if like terms shows 0 else shows 1

return 0;

}

OUTPUT:

