#include <stdio.h>

int main()

{

int a = 5, b = 5, c = 10, result;

result = (a == b) && (c > b);

printf("(a == b) && (c > b) is %d \n", result);

result = (a == b) && (c < b);

printf("(a == b) && (c < b) is %d \n", result);

result = (a == b) || (c < b);

printf("(a == b) || (c < b) is %d \n", result);

result = (a != b) || (c < b);

printf("(a != b) || (c < b) is %d \n", result);

result = !(a != b);

printf("!(a != b) is %d \n", result);

result = !(a == b);

printf("!(a == b) is %d \n", result);

return 0;

}

