```c
#include <stdio.h>

int factorialWithDoWhile(int n) {
    int factorial = 1, i = 1;
    do {
        factorial *= i;
        i++;
    } while(i <= n);
    return factorial;
}

int main() {
    int number = 5; // Example number for factorial calculation
    printf("Factorial of %d using do-while loop is: %d\n", number
, factorialWithDoWhile(number));
    return 0;
}
```