#include <iostream>

void increment(int\* p) {

    (\*p)++;

    std::cout << "Inside increment function - Address: " << p << ", Value: " << \*p << std::endl;

}

void increment\_reference(int& ref) {

    ref++;

}

int main()

 {

     int number = 10;

    std::cout << "In main - Initial Address: " << &number << ", Initial Value: " << number << std::endl;

    increment(&number);

    std::cout << "In main - Updated Address: " << &number << ", Updated Value: " << number << std::endl;

    increment\_reference(number);

    std::cout << "In main - Adress: " << &number << ", Update Value (reference): " << number << std::endl;

    return 0;

}