

4A) Write a C++ program to print the given number in reverse order. Use functions with return type and without return type for reversing the number. Ex: given number is 2345 , output should be 5432

```
#include <iostream>
using namespace std;
int int_reverse(int num) {
    int rev = 0;
    while(num) {
        rev = (rev*10) + (num%10);
        num /= 10;
    }
    return rev;
}
void void_reverse(int num) {
    int rev = 0;
    while(num) {
        rev = (rev*10) + (num%10);
        num /= 10;
    }
    cout << "Reversed number : " << rev;
}
int main() {
    int num, choice;
    cout << "Enter the number : ";
    cin >> num;
    //int choice;
    cout << "1 : Calculate using function with return type" << endl;
    cout << "2 : Calculate using function without return type" << endl;
    cout << "Enter your choice : ";
    cin >> choice;
    switch(choice) {
        case 1:
            int_reverse(num);
            break;
        case 2:
            void_reverse(num);
            break;
        default:
            cout << "Invalid Input!" << endl;
    }
    return 0;
}
```