



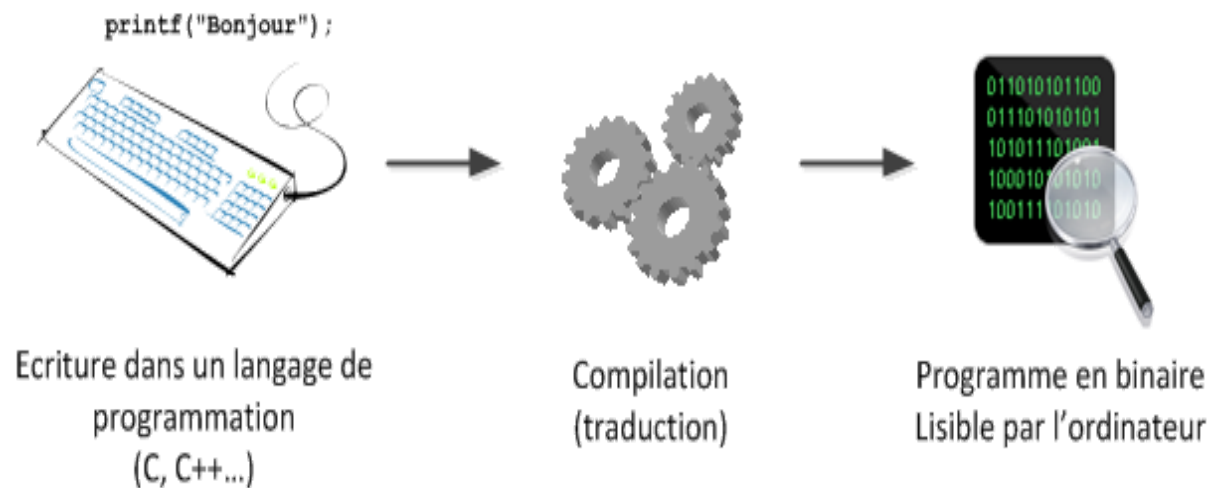
UNIVERSITÉ SIDI MOHAMED BEN ABDLLAH
FACULTÉ DES SCIENCES DHAR EL MAHRAZ DE FÈS



DÉPARTEMENT D'INFORMATIQUE

Compte rendu de TP

Compilation

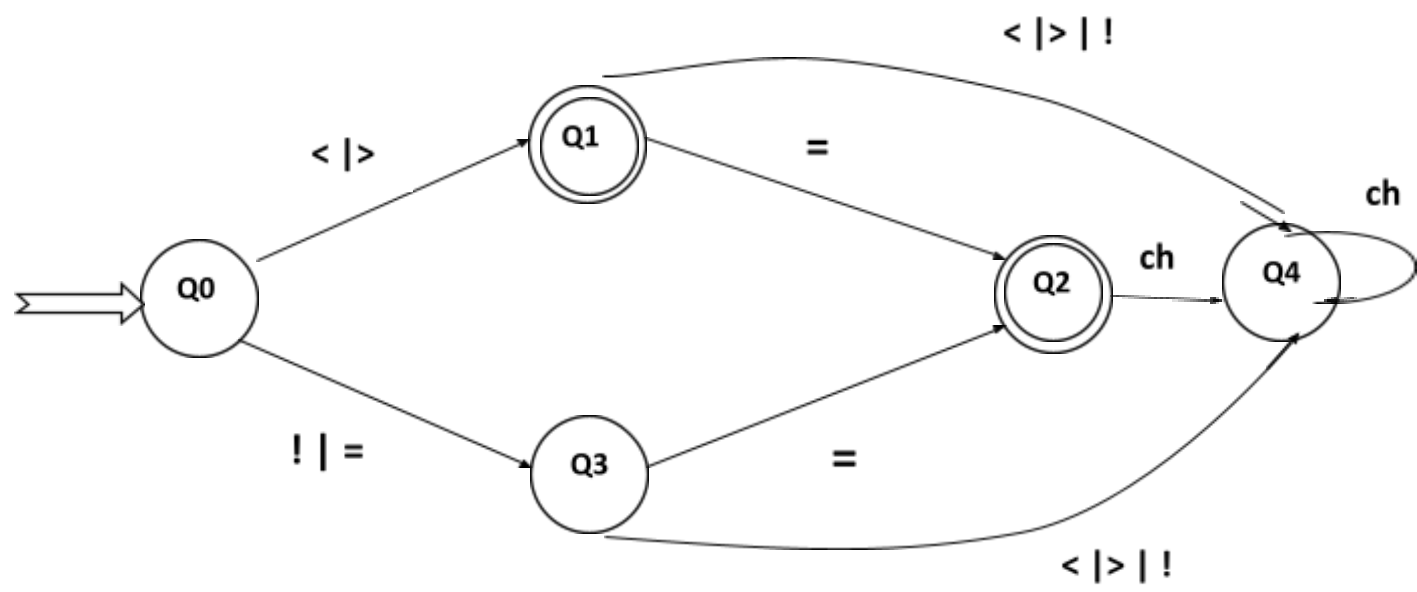


Nom : El Hajjaji

Prénom : Otman

Exercice 3 :

AFD



le tableau

	<	>	!	=
Q0	Q1	Q1	Q2	Q3
Q1	Q4	Q4	Q4	Q2
Q2	Q4	Q4	Q4	Q4
Q3	Q4	Q4	Q4	Q2
Q4	Q4	Q4	Q4	Q4

le Code C++ :

```
#include "stdafx.h"
#include <iostream>
#include <algorithm>
#include<string>
#include<stdlib.h>
#include<stdio.h>
using namespace std;

int main()
{
    int e = 0, n, i;
    int t[5][4];

    t[0][0] = 1;  t[0][1] = 1;  t[0][2] = 2;  t[0][3] = 3;
    t[1][0] = 4;  t[1][1] = 4;  t[1][2] = 4;  t[1][3] = 2;
    t[2][0] = 4;  t[2][1] = 4;  t[2][2] = 4;  t[2][3] = 4;
    t[3][0] = 4;  t[3][1] = 4;  t[3][2] = 4;  t[3][3] = 2;
    t[4][0] = 4;  t[4][1] = 4;  t[4][2] = 4;  t[4][3] = 4;

    char c[100];
    cout << "entre la chain de character : ";
    cin >> c;

    n = strlen(c);
    for (i = 0; i < n && e != 4; i++)
    {
        if (c[i] == '<')e = t[e][0];
        else if (c[i] == '>')e = t[e][1];
        else if (c[i] == '!')e = t[e][2];
        else if (c[i] == '=')e = t[e][3];
        else { e = -1; break; }
    }

    if (e == 2 || e == 2 ) { cout << "le mot est accepte \n"; }
    else { cout << "le mot est n'est pas accepte \n"; }

    cout << "entre l'etat : \n";
    int etat;
    cin >> etat;
    int d=0;
    for (i = 0; i < 4 ; i++)
    {
        if (t[etat][i] != etat) { d = 1; }
    }
    if (d == 1) { cout << "l'etat est puite \n"; }
```

```
else{ cout << "l'etat est non puite \n"; }  
system("pause");  
return 0;  
}
```