|| Welcome to WestBank_TawjihiRecord_2020 Simulatour ||

Please choose the file you want:

Load

Please choose the Branch you want:

◯ Literary

◯ Scientific

next -->

Tawjihi Record

|| Welcome to WestBank_TawjihiRecord_2020 Simulatour ||

Please choose the file you want:

C:\Users\twitter\OneDrive\Desktop\University\3_third year\term 5\data struc...

Load

Please choose the Branch you want:

◉ Literary

○ Scientific

next -->

Insert New Tawjihi Record

Update A Tawjihi Record

Delete A Tawjihi Record

Find A Tawjihi Record

Get All Student Using Specific Grade

Print Abstract Data Type

Print AVL Height

Return To The Main Page

Insert Operation

Please Enter Student Information:

Student Number : 1600000

Student grade : 88

<-- Back   Insert
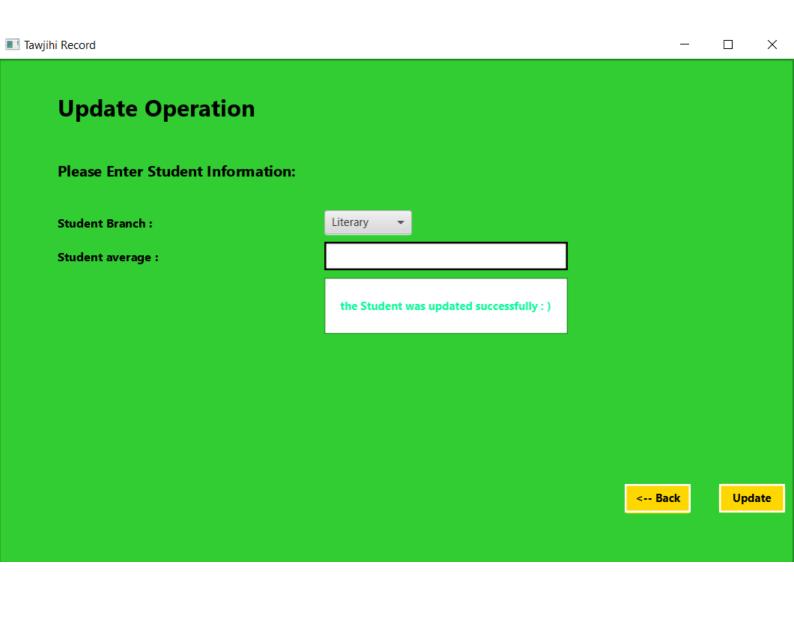
Insert Operation

Please Enter Student Information:

Student Number :

Student grade :

the Student was insert successfully :)

<-- Back

Insert

Find Operation

Please enter student number:

Student Number : 1600000

<-- Back   Next -->

Student information

1600000,Literary,88.0

<-- Back

Update Operation

Please enter student number:

Student Number : 1600000

<-- Back   Next -->

Update Operation

Please Enter Student Information:

Student Branch :   Literary ▼

Student average :   90

<-- Back   Update

Update Operation

Please Enter Student Information:

Student Branch :   Literary ▼

Student average :

the Student was updated successfully :)

<-- Back   Update

Student information

1600000,Literary,90.0

<-- Back

Print Abstract Data Operation

Please select abstract data:

Double Linked List

**1st AVL
(level-traversal)**

**2st AVL
(level-traversal)**

<-- Back

Print Abstract Data Operation

Double Linked List:

```
33090101,Literary,76.5 -->
33090160,Literary,64.4 -->
33090159,Literary,85.1 -->
33090113,Literary,71.4 -->
33090111,Literary,68.1 -->
33090110,Literary,65.0 -->
33090109,Literary,74.7 -->
33090108,Literary,63.3 -->
33090106,Literary,75.7 -->
29062286,Literary,74.3 -->
29062285,Literary,87.9 -->
29062281,Literary,57.9 -->
29062259,Literary,71.9 -->
29062258,Literary,63.9 -->
29062252,Literary,54.7 -->
10021101,Literary,75.1 -->
12,Literary,50.0 -->
1600000,Literary,90.0 -->
null
```

<-- Back

Print Abstract Data Operation

1st AVL(level-traversal):

33090111

29062259 33090161

29062252 33090106 33090159 33091154

1600000 29062258 29062285 33090109 33090113 33090160 33091101 33091161

12 10021101 NULL NULL 29062281 29062286 33090108 33090110 NULL NULL NULL NULL NULL NULL NULL NULL

<-- Back

Print Abstract Data Operation

2st AVL(level-traversal):

71.4

64.4 76.3

63.3 67.1 74.7 87.9

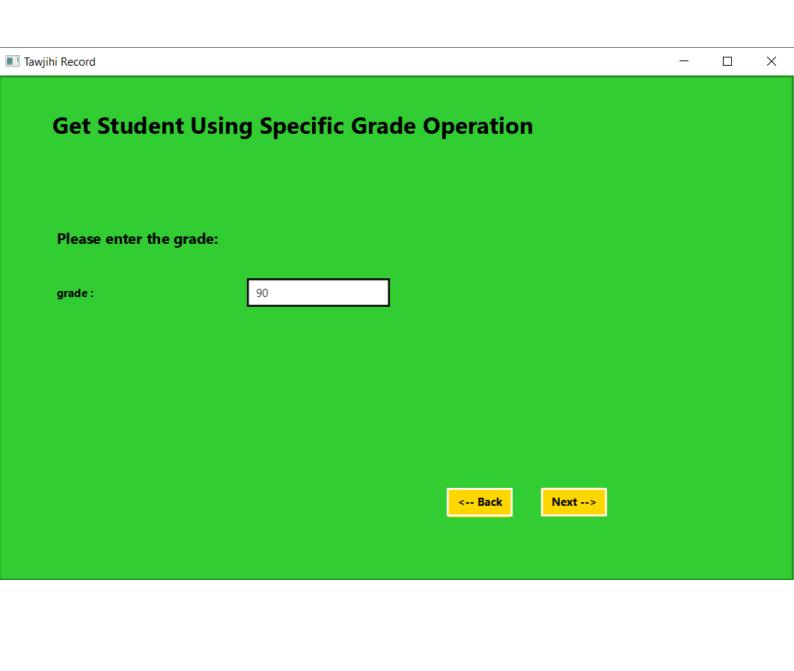54.7 63.9 65.0 68.1 74.3 75.7 80.4 88.0

50.0 57.9 NULL NULL NULL NULL NULL NULL 71.9 NULL 75.1 NULL 76.9 85.1 NULL 90.0

<-- Back

Print AVL Height Operation

The Height of Two AVL:

 1st AVL:5

 2st AVL:5

<-- Back

Get Student Using Specific Grade Operation

Please enter the grade:

grade :   90

<-- Back   Next -->

Student information

head --> 1600000,Literary,90.0 --> null

<-- Back

Delete Operation

Please enter student number:

Student Number :   1600000

<-- Back   **Delete**

Find Operation

Please enter student number:

Student Number :

1600000

Error: there is no student have this seat number

<-- Back   Next -->