

# Student Database Management

## Main Page



shawkyebrahim2514

# Welcome to the Student Database Management Website

Register

Login

[Admin login](#)

# Student Login

Student ID:

20210184

Password:

.....

Login

[Create new account](#)

# Student Login

The password is wrong!

Student ID:

20210184

Password:

.....

Login

[Create new account](#)

# Student Database Management

## Student Profile



shawkyebrahim2514

# Welcome, Shawky Ebrahim

**ID:** 20210184

**Email:** shawkyebrahim2514@gmail.com

**Phone Number:** 01004579971

**Address:** Cairo, Egypt

**Gender:** male

**Level:** 2

**GPA:** 3.74

Edit Profile

My Courses

log out

## Edit My Profile

Password:

.....

First Name:

Shawky

Last Name:

Ebrahim

Email:

shawkyebrahim2514@gmail.com

Phone Number:

01004579971

Address:

Cairo, Egypt

Level:

2



GPA:

3.74

Save

# Student Database Management

## Student Courses



shawkyebrahim2514



## My Courses

### English (HU111)

Grade: 80

Level: 1 - Semester: 1

[View Notes](#)[Edit Course](#)

### Mathematics-1 (MA111)

Grade: 97

Level: 1 - Semester: 1

[View Notes](#)[Edit Course](#)

### Introduction to Computers (CS111)

Grade: 92

Level: 1 - Semester: 1

[View Notes](#)[Edit Course](#)

### Discrete Mathematics (MA112)

Grade: 91

Level: 1 - Semester: 2

[View Notes](#)[Edit Course](#)

### Mathematics-2 (MA113)

Grade: 96

Level: 1 - Semester: 2

[View Notes](#)[Edit Course](#)

### Probability and Statistics-1 (ST121)

Grade: 96

Level: 1 - Semester: 2

[View Notes](#)[Edit Course](#)

### Programming-1 (CS112)

Grade: 87

Level: 1 - Semester: 2

[View Notes](#)[Edit Course](#)

Add Course

## Add Course

Course:

Type here course name and choose from the list

CS316 - Algorithms



Grade:

98



Level:

2



Semester:

2



Add

## Add Course

You must choose course from the courses' list!.  
You must enter your grade!.  
You must enter your level!.  
You must enter your semester!.

Course:

Type here course name and choose from the list

Select Course



Grade:

select grade



Level:

select level



Semester:

select semester



Add

## Edit Course

Course:

Type here course name and choose from the list

SMA112 - Discrete Mathematics



Grade:

91



Level:

1



Semester:

2



Save

Delete Course

# Student Database Management

## Course Notes



shawkyebrahim2514

# Notes for Discrete Mathematics (MA112)

## Intro to graph

Simple graph Contains no loop or parallel edges (more than one edge between two vertices) Multig...

[View Note](#)

## Different types of graphs

Complete graph:  $k(n)$  Any vertex is connected to all other vertices (Each vertex has  $(n-1)$  degree) ...

[View Note](#)

## Graphical Graph of a simple graph

The graph is a graphical if the number of odd degrees of the degrees sequences are even numbers. ...

[View Note](#)

## Euler path and Euler circuit

Euler path Is a simple path containing every edge (travel through every edge once and only once) ...

[View Note](#)

## Hamilton paths and circuits

Is a simple path that passes through every vertex in  $G$  exactly once. \* A graph with a vertex of deg...

[View Note](#)

## Trees

Is a graph that does not have any circuits. \* There is only one path joining two vertices \* A tr...

[View Note](#)

## Network

Network terminology: \* Source: are nodes which supply a commodity (السلع الأساسية) \* Sinks: are ...

[View Note](#)

## Network algorithms

Maximal-Flow technique \* The maximum number of vehicles that can go through a network of roads from...

[View Note](#)

## Huffman coding

\* Can be used to compress information \* Instead of storing each character in a file as an 8-bit ASC...

[View Note](#)

## Logical Operators / Connectives (Compound Sta...

\* Are used to form compound propositions from simple ones.  
• Negation (NOT) – Unary: Operates on ...

[View Note](#)[Add Note](#)

## Notes for Discrete Mathematics (MA112)

### Huffman coding

\* Can be used to compress information \* Instead of storing each character in a file as an 8-bit ASC...

[profile](#)

/

[courses](#)

/

[notes](#)

/

[add](#)

## Add Note for Discrete Mathematics (MA112)

Title:

Enter title

Content:

Enter content

Add



## Edit Note

Title:

Trees

Content:

Is a graph that does not have any circuits.

- \* There is only one path joining two vertices

- \* A tree with  $n$  vertices must have  $(n-1)$  edges

Terminology:

- \* If the arrow directed from  $(u)$  to  $(v)$  then:

- $u$  is a parent of  $v$
- $v$  is a children of  $u$

- \* Siblings:

- are vertices with the same parent

- \* Ancestors:

- are vertices that are parent to any vertex or parent's parent and so on until the root is reached.

- \* Descendants

- Are vertices that have (a vertex) as an ancestor

- \* Leaf vertex

- Is a vertex with no children (vertex with degree one)

- \* Internals

- Are the vertices that having children (must have a degree more than one)

Save

Delete Note

# Student Database Management

## Admin Panel



shawkyebrahim2514

# Admin Login

ID:

adminShawky

Password:

.....

Login

# Welcome, Shawky Ebrahim

**ID:** adminShawky

**Email:** shawky.ebrahim2514@gmail.com

**Phone Number:** 01004579971

Add Student

Show Students

Delete Student

Edit Student

log out

# Student Database Management

## Add Students



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## Add Students

From:

20210000

To:

20210200

Add

## Add Students

There are students exist in this range of IDs

From:

Enter the beginning of the students' IDs

To:

Enter the end of the students' IDs

Add

## Add Students

Successfully inserting students with IDs from 20210500 to 20210600

From:

Enter the beginning of the students' IDs

To:

Enter the end of the students' IDs

Add



# Student Database Management

## Edit Students



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## Edit Students

The range of student IDs:

20210000

20210010

Table name:

academicData

Column Name:

level

Updated value:

1

Update

## Edit Students

Successfully updating students with IDs from 20210000 to 20210010

The range of student IDs:

Enter the start ID

Enter the end ID

Table name:

select table



Column Name:

select column



Updated value:

Enter the updated value

Update

# Student Database Management

## Show Students



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# Show Students

Search by:

Student ID

From:

20210180

To:

20210190

Search

Grayce Dare

Student ID: 20210180

Level: 3

GPA: 1.07

Estel Predovic

Student ID: 20210181

Level: 4

GPA: 0.37

Theodore Zulauf

Student ID: 20210182

Level: 2

GPA: 2.30

Johnathon Runte

Student ID: 20210183

Level: 1

GPA: 3.93

Shawky Ebrahim

Student ID: 20210184

Level: 2

GPA: 3.74

Micaela Mann

Student ID: 20210185

Level: 3

GPA: 1.95

Marie Kunde

Student ID: 20210186

Level: 2

GPA: 2.81

Rene Cremin

Student ID: 20210187

Level: 4

GPA: 2.92

Etha Cummerata

Student ID: 20210188

Level: 4

GPA: 0.99

Hugh Lakin

Student ID: 20210189

Level: 4

GPA: 0.30

Bernadine Weimann

Student ID: 20210190

Level: 1

GPA: 1.49

## Show Students

Search by:

GPA



From:

2

To:

3.6

Search

### Maurine Harvey

Student ID: 20210001

Level: 1

GPA: 2.58

### Montserrat Little

Student ID: 20210002

Level: 4

GPA: 3.09

### Misty Corwin

Student ID: 20210003

Level: 2

GPA: 2.69

## Show Students

Search by:

Level



Level:

4



Search

### Montserrat Little

Student ID: 20210002

Level: 4

GPA: 3.09

### Katharina Swift

Student ID: 20210004

Level: 4

GPA: 1.65

### Jadon Greenfelder

Student ID: 20210008

Level: 4

GPA: 2.08

# Student Database Management

## Delete Students



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## Delete Students

Successfully deleting students whose IDs from 20210900 to 20210950

Start ID:

20210900

End ID:

20210950

Delete