

Online Tutor

A Place to learn


Group ID : 2018EWE06

Dewan Tariq Hasan (AE-10)

Md. Aminul Islam (AE-122)



Motivation

- Education through internet
 - Place independent learning
 - Digitalization of the learning
- 

Users

Sign Up

Please fill in this form to create an account.

Name

Email

User type

Date of Birth

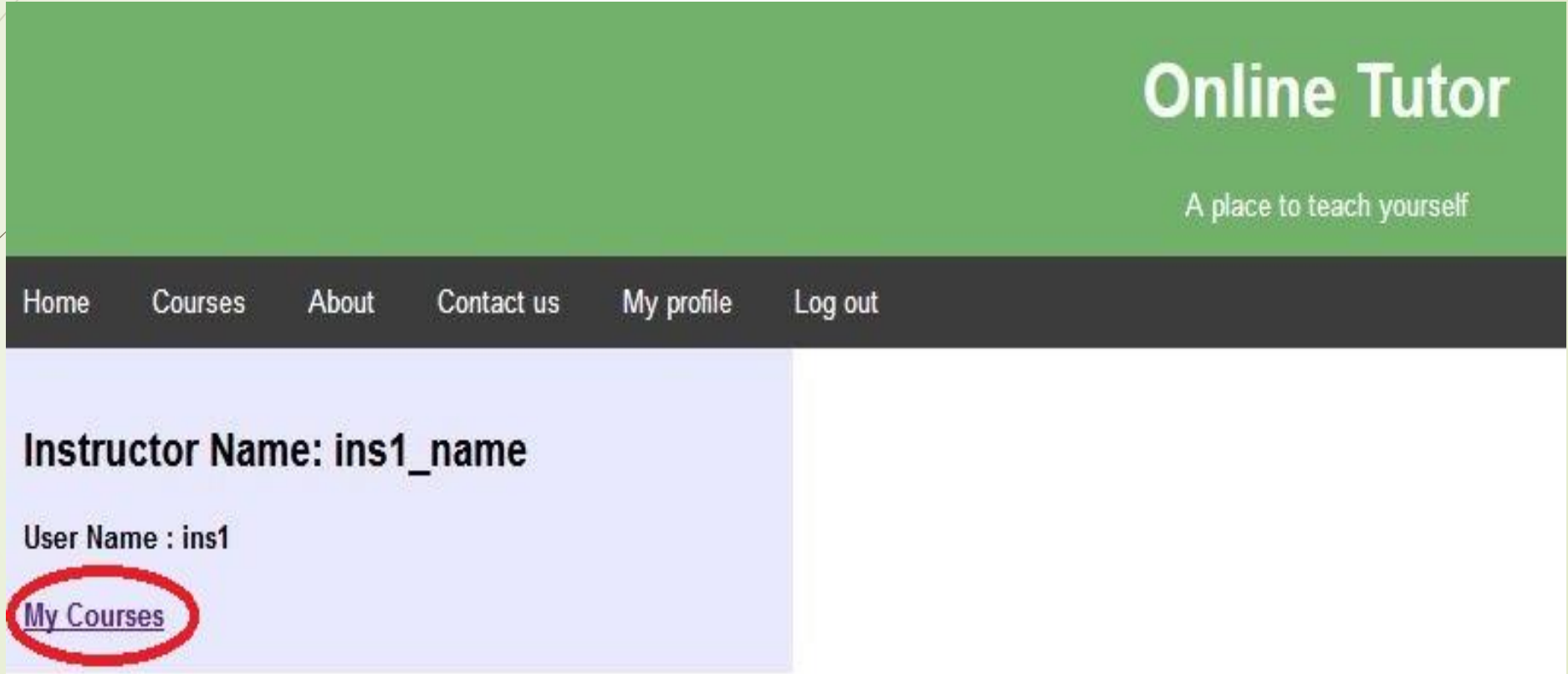
User Name

Password

Repeat Password

Already have an account? [Log in here](#)

Instructor's Profile



The screenshot displays a web application interface for an 'Online Tutor'. The header is green with the title 'Online Tutor' and the tagline 'A place to teach yourself'. A dark navigation bar contains links for 'Home', 'Courses', 'About', 'Contact us', 'My profile', and 'Log out'. The main content area is split into a light blue sidebar and a white main panel. The sidebar shows the 'Instructor Name: ins1_name', 'User Name : ins1', and a red circle around the 'My Courses' link.

Online Tutor
A place to teach yourself

Home Courses About Contact us My profile Log out

Instructor Name: ins1_name
User Name : ins1
[My Courses](#)

Instructor's Courses

Online Tutor

[Home](#)[Courses](#)[About](#)[Contact us](#)[My profile](#)[Log out](#)

code1 English [Link](#)

code3 Physics [Link](#)

code5 wwwwww [Link](#)

Input Course Name:

Input Course Level:

Add new course

Content (Instructor)



The image shows a web application interface for an 'Online Tutor'. It features a green header with the title 'Online Tutor' in white. Below the header is a dark navigation bar with links: 'Home', 'Courses', 'About', 'Contact us', 'My profile', and 'Log out'. The main content area has a light blue background. It displays 'Content name : Verbs' and 'Content ID : content2'. There is a 'Link' label with a red underline. Below that is the label 'Input Content Title:' followed by a white text input field. At the bottom, a grey bar contains a red-outlined button labeled 'Add New Content'.

Online Tutor

[Home](#) [Courses](#) [About](#) [Contact us](#) [My profile](#) [Log out](#)

Content name : Verbs Content ID : content2

Link

Input Content Title:

Add New Content

Upload Materials

Online Tutor

Home Courses About Contact us My profile Log out

Browse... No file selected.

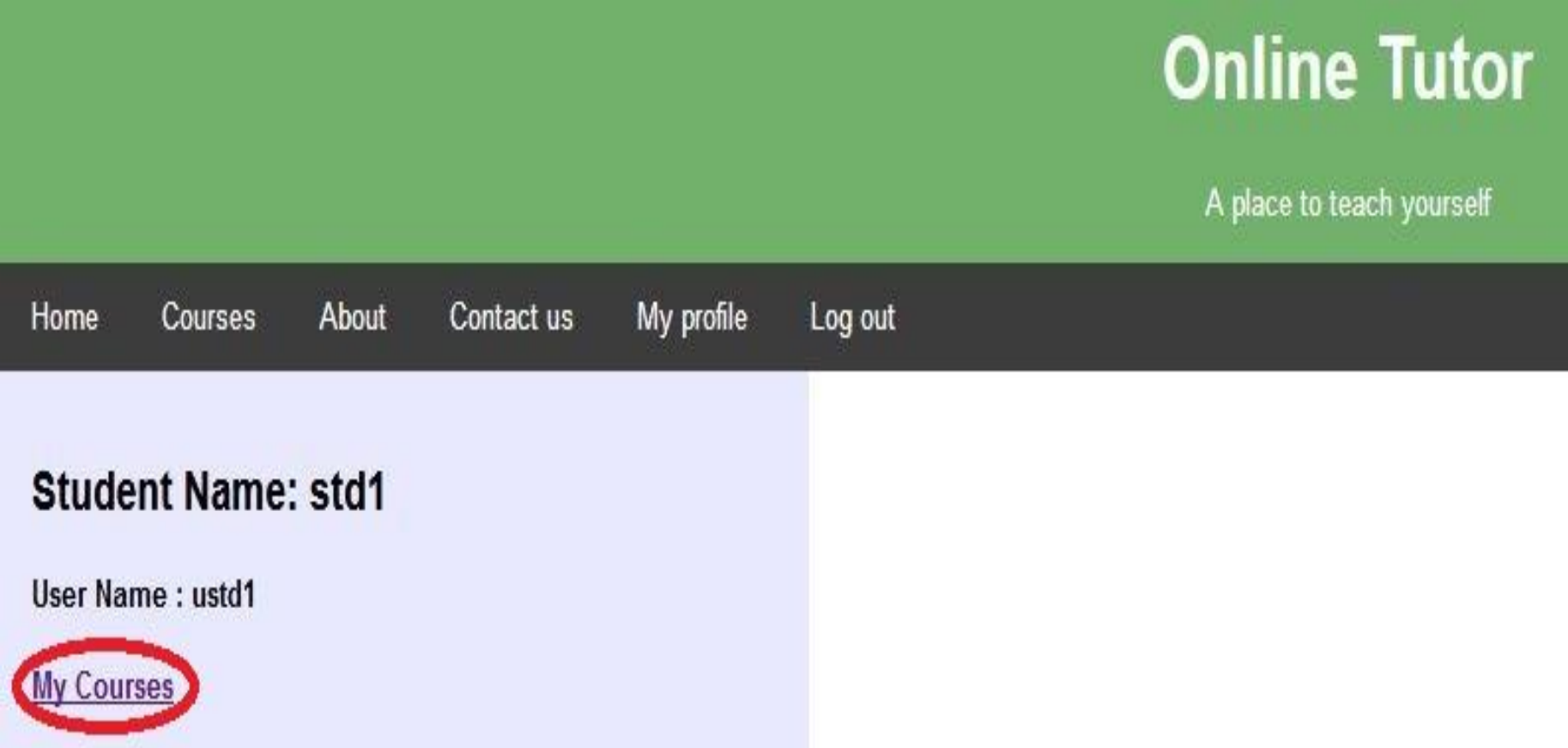
Upload Reading Material

3 of 31 Automatic Zoom

Fill Algorithms

- Given the edges defining a polygon, and a color for the polygon, we need to fill all the pixels inside the polygon.

Student Profile



A screenshot of a web application titled "Online Tutor". The header is green with the title "Online Tutor" in white and the tagline "A place to teach yourself" below it. A dark navigation bar contains links for Home, Courses, About, Contact us, My profile, and Log out. The main content area is split into a light blue left sidebar and a white right section. The sidebar displays the student's name "std1", their user name "ustd1", and a link "My Courses" which is circled in red. The right section is currently empty.

Online Tutor
A place to teach yourself

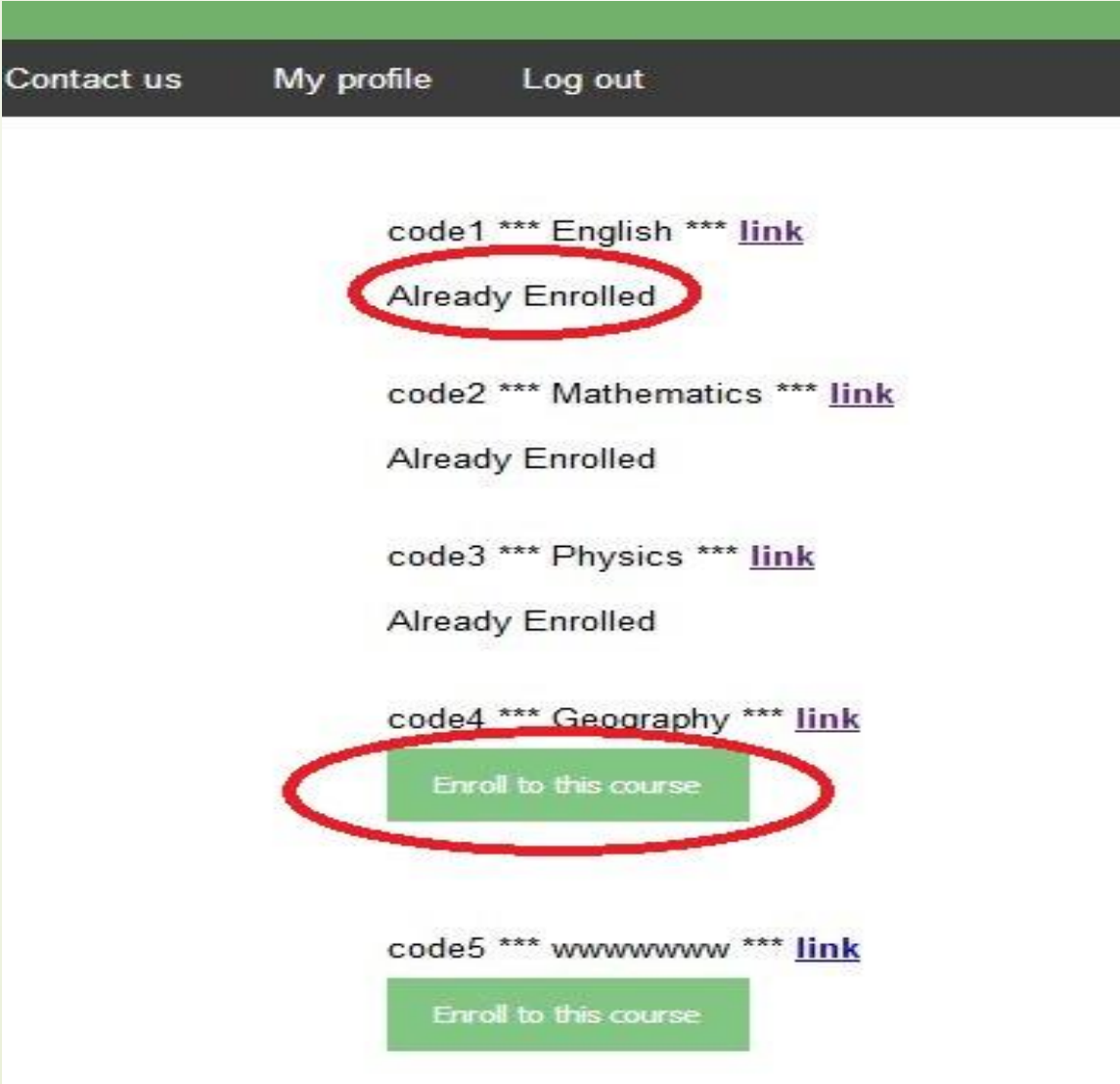
[Home](#) [Courses](#) [About](#) [Contact us](#) [My profile](#) [Log out](#)

Student Name: std1

User Name : ustd1

[My Courses](#)

Course List as student



The screenshot shows a web interface for a student's course list. At the top, there is a green header bar. Below it is a dark navigation bar with three links: "Contact us", "My profile", and "Log out". The main content area lists five courses, each with a code, three asterisks, the course name, three more asterisks, and a "link" text. The first two courses, English and Mathematics, show "Already Enrolled" status. The third course, Physics, also shows "Already Enrolled". The fourth course, Geography, shows an "Enroll to this course" button. The fifth course, represented by "wwwwwww", also shows an "Enroll to this course" button. Red circles highlight the "Already Enrolled" text for the first two courses and the "Enroll to this course" button for the fourth course.

Contact us My profile Log out

code1 *** English *** [link](#)
Already Enrolled

code2 *** Mathematics *** [link](#)
Already Enrolled

code3 *** Physics *** [link](#)
Already Enrolled

code4 *** Geography *** [link](#)
Enroll to this course

code5 *** wwwwwww *** [link](#)
Enroll to this course

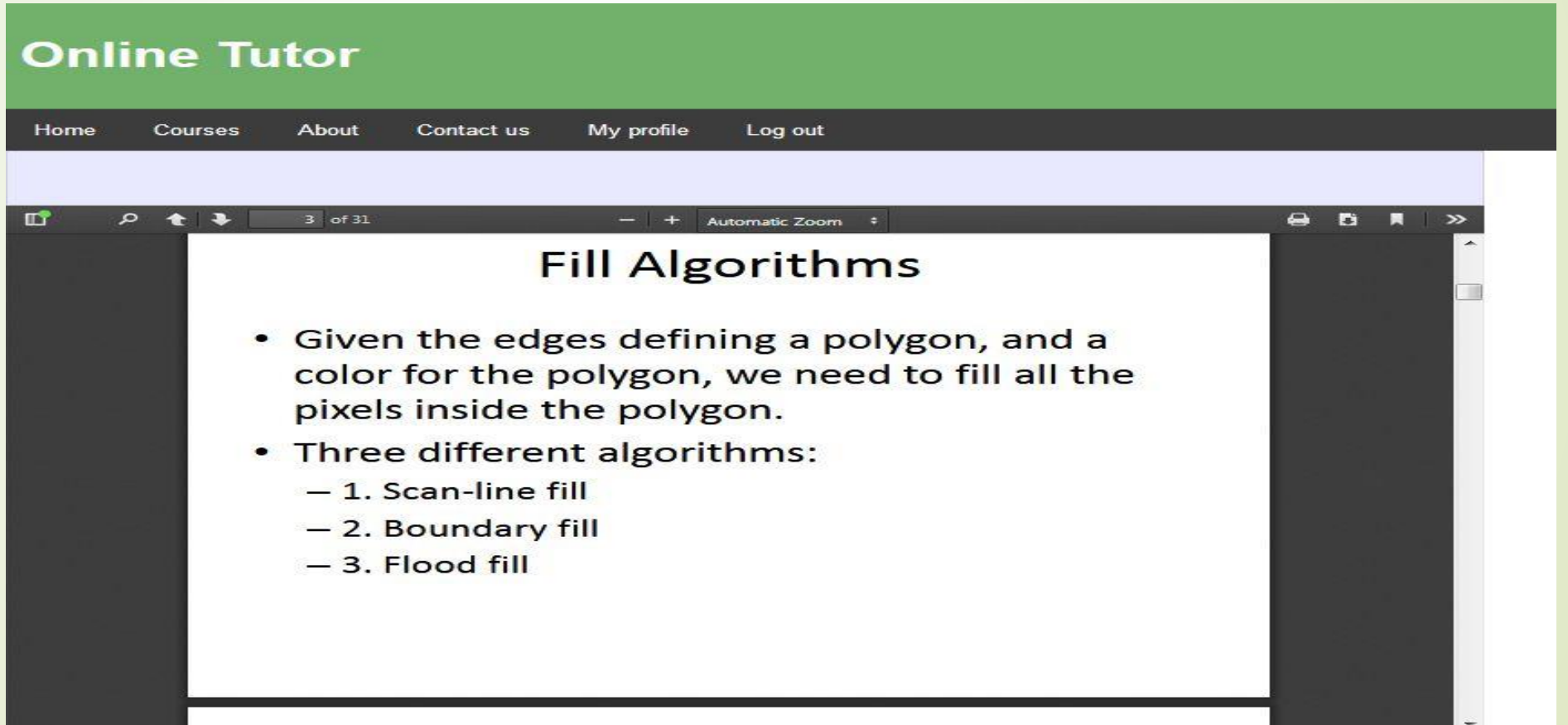
Student's Courses



Content (Student)



View Material



The screenshot displays a web-based online tutor interface. At the top, a green header bar contains the text "Online Tutor". Below this is a dark navigation bar with links: "Home", "Courses", "About", "Contact us", "My profile", and "Log out". A light blue horizontal bar follows. The main content area is a presentation slide titled "Fill Algorithms". The slide includes a bulleted list of concepts and algorithms. The interface also features a toolbar with navigation icons, a slide counter showing "3 of 31", and a zoom control set to "Automatic Zoom".

Online Tutor

Home Courses About Contact us My profile Log out

3 of 31 Automatic Zoom

Fill Algorithms

- Given the edges defining a polygon, and a color for the polygon, we need to fill all the pixels inside the polygon.
- Three different algorithms:
 - 1. Scan-line fill
 - 2. Boundary fill
 - 3. Flood fill

Contact Us

Online Tutor

[Home](#)[Courses](#)[About](#)[Contact us](#)[My profile](#)[Log out](#)

Contact Us

First Name

Last Name

Email

Your Message

About

Online Tutor

[Home](#) [Courses](#) [About](#) [Contact us](#) [My profile](#) [Log out](#)

About Site

This site is for self-learning purpose.
Users can enroll to available courses or set up courses through this website.
The website is free for use.

About Us



Md. Aminul Islam

*Department of Computer Science and Engineering
University of Dhaka
E-mail: aminarman21@gmail.com
Facebook, LinkedIn*



Dewan Tariq Hasan

*Department of Computer Science and Engineering
University of Dhaka
E-mail: tariq.hasan.csedu21@gmail.com
Facebook, LinkedIn*



Future Improvement

- Quiz for every Content
- Course final quiz
- More interactive
- Adding video content



Thank You