



Instructions on how to use Moodle for DET educational process in "Astana IT University" LLP.

Nur-Sultan, 2020

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Terms and definitions

Moodle is an acronym for Modular Object-Oriented Dynamic Learning Environment. Moodle is an open source learning management system primarily focused on providing effective interaction between teacher and learners, although it is also suitable for organizing traditional distance learning courses as well as supporting face-to-face learning.

1. LMS Moodle and basic application features

LMS Moodle educational courses include a set of information materials used to create a theoretical foundation for the course (text documents, presentations, links to Web pages, multimedia materials), knowledge management materials (usually automated tests or tasks), and materials for communication and interaction with the instructor (forums, chats, messaging, etc.).

In Moodle's maintenance system, teaching and learning materials of the discipline are available electronically to students:

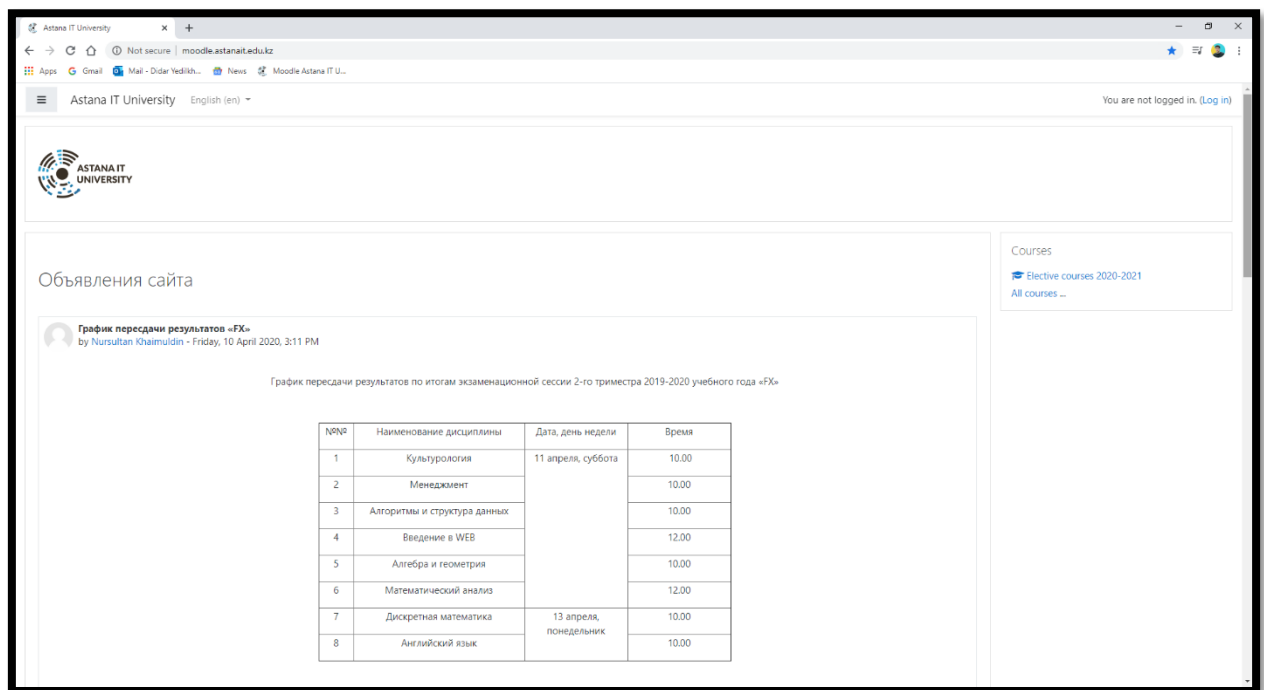
- working curriculum of the discipline (syllabus);
- educational and methodical materials containing theses of lecture sessions, plans of seminar sessions, laboratory workshops, tasks of self-study and self-study with teacher;
- multimedia presentations;
- electronic educational publications;
- links to ready-made electronic content by topic (if available);
- links to recommended literature;
- assignments schedule by discipline;

The following is a detailed guide for participants in the learning process to use the Moodle platform resources.

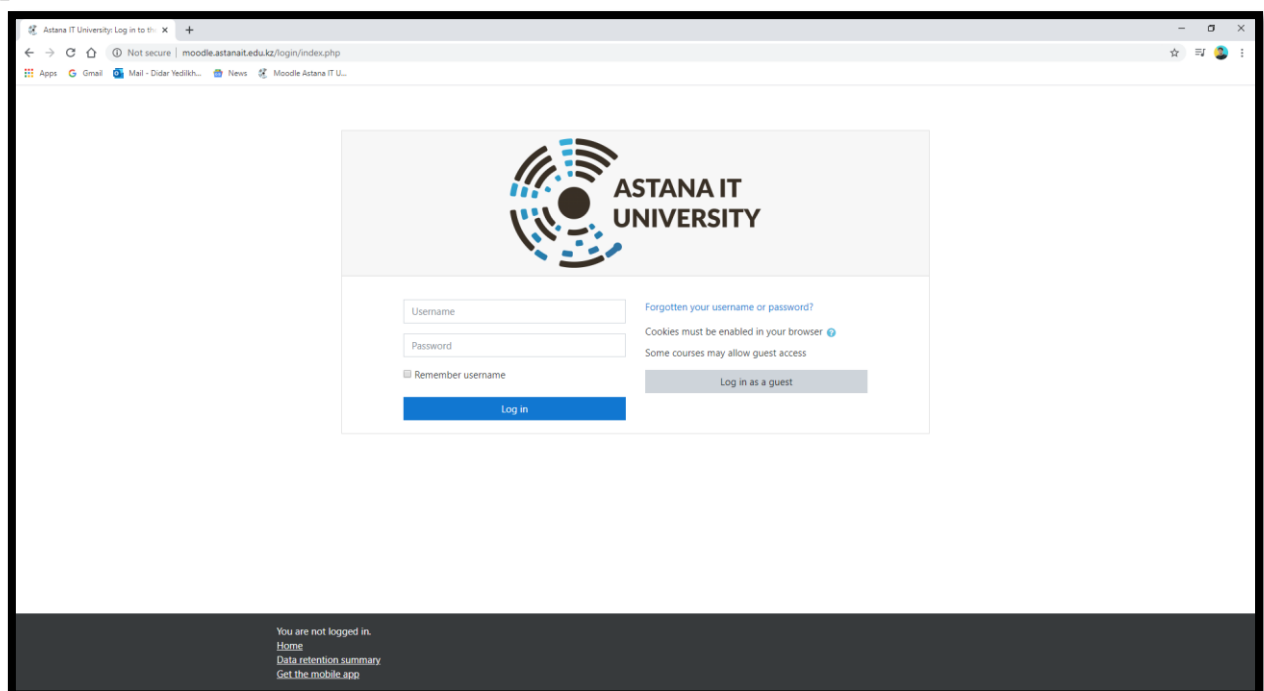
Login

You can access the Astana IT University distance learning site by clicking on the link: <http://moodle.astanait.edu.kz/>.

The main page of the site is shown in the picture:



In order to enter the system, one should authorize oneself by clicking on the "Log in" button located in the upper right corner of the page. Further you should specify the user name that is created for each student by the administrator of the platform:



This will open a personal page containing general announcements of the university, the choice of the interface language, and a list of available courses (Course Summary - My Courses - located on the right side of the page).

Объявления сайта

График передачи результатов «FX»
by Nursultan Khaimuldin - Friday, 10 April 2020, 3:11 PM

График передачи результатов по итогам экзаменационной сессии 2-го триместра 2019-2020 учебного года «FX»

№№	Наименование дисциплины	Дата, день недели	Время
1	Культурология	11 апреля, суббота	10.00
2	Менеджмент		10.00
3	Алгоритмы и структура данных		10.00
4	Введение в WEB		12.00
5	Алгебра и геометрия		10.00
6	Математический анализ	13 апреля, понедельник	12.00
7	Дискретная математика		10.00
8	Английский язык		10.00

You can access the course content by clicking on the link containing its title. The selected course page and the course instructor assigned to it will then open. This page contains announcements for a particular course, the course syllabus, the ability to view student attendance and other information important for the particular course.

Object Oriented Programming Java (Akizhanov Mugzar)

Home / Courses / 2019-2020 / ICT / 3rd trimester / Java oop-2019/20-3/am

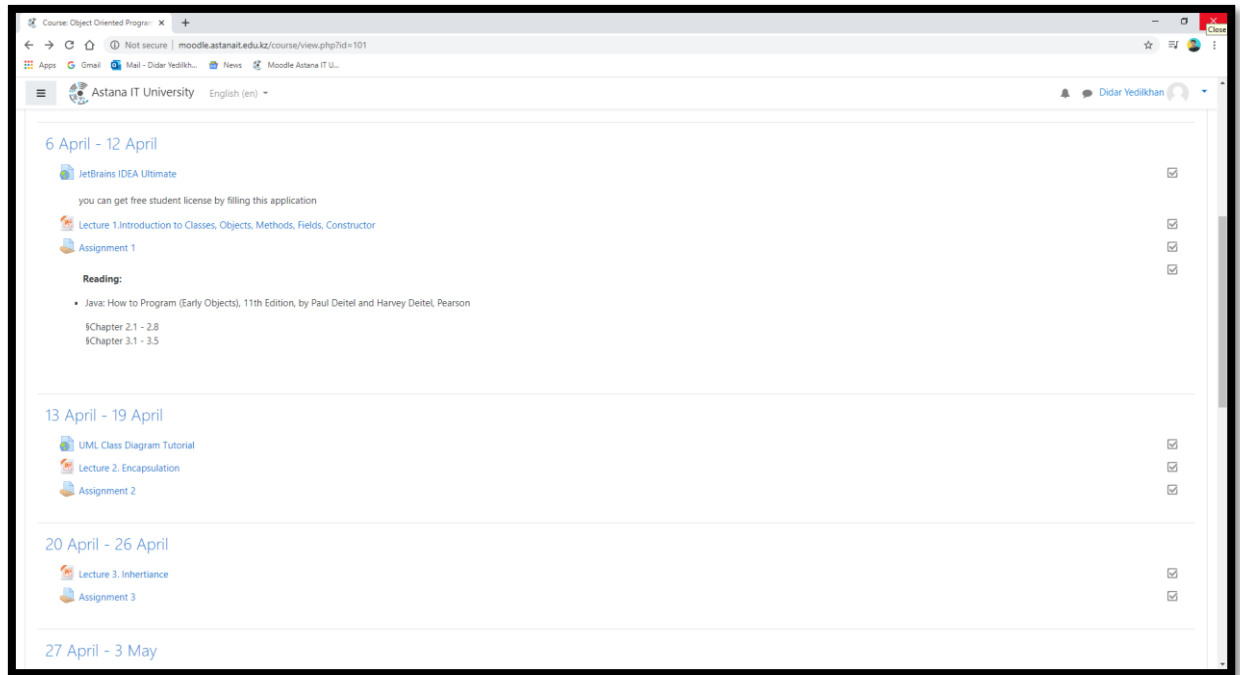
- Syllabus, Object-oriented Programming in Java
- Announcements
- Attendance
- Educational materials
- Midterm
- Hidden from students
- Endterm
- Hidden from students
- Sessions' recordings, IT-1905
- Sessions' recordings, IT-1906
- Sessions' recordings, IT-1915
- Sessions' recordings, IT-1916

6 April - 12 April

- JetBrains IDEA Ultimate
- you can get free student license by filling this application
- Lecture 1.Introduction to Classes, Objects, Methods, Fields, Constructor
- Assignment 1

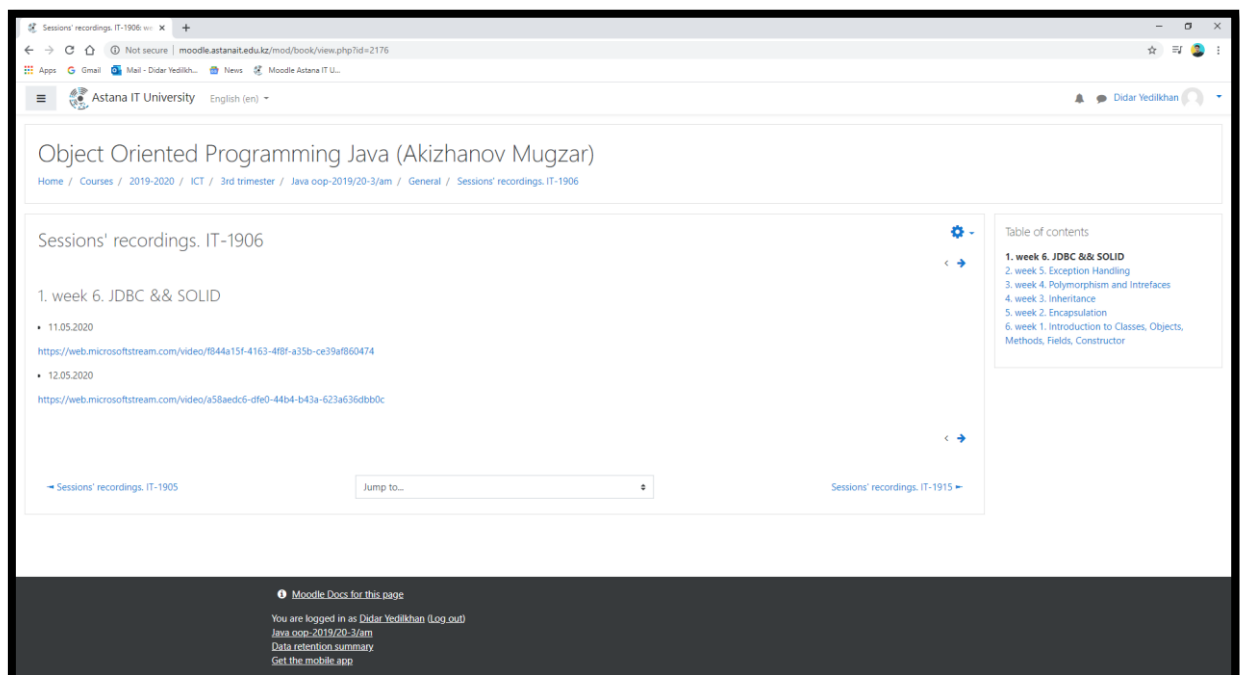
Each educational course is structured in sections or themes (the course is structured in weeks - only 10 weeks of training (trimesters). Each section usually contains theoretical material for study, additional materials as well as materials for knowledge control. After you open the course, you will have access to the following:

1. Study materials that the instructor has placed for the course/group. These can be downloadable files, audio and video presentations, web links, or plain text; each type of learning material has its own picture;
2. Actions - tasks that the instructor has planned and that you will need to complete by a specific deadline, each type of activity has its own title;
3. "Upcoming events" of the course - here you can see both the lectures and the actions planned by the teacher, which should happen in the near future.

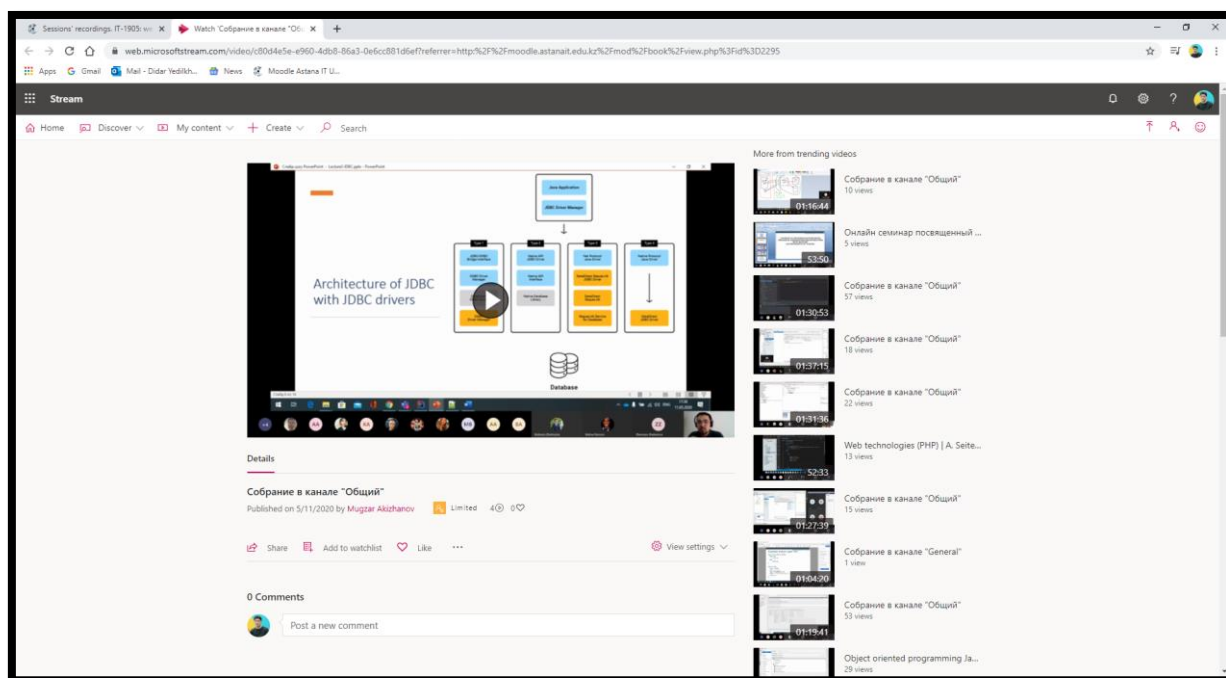


2. Integration with Moodle teams

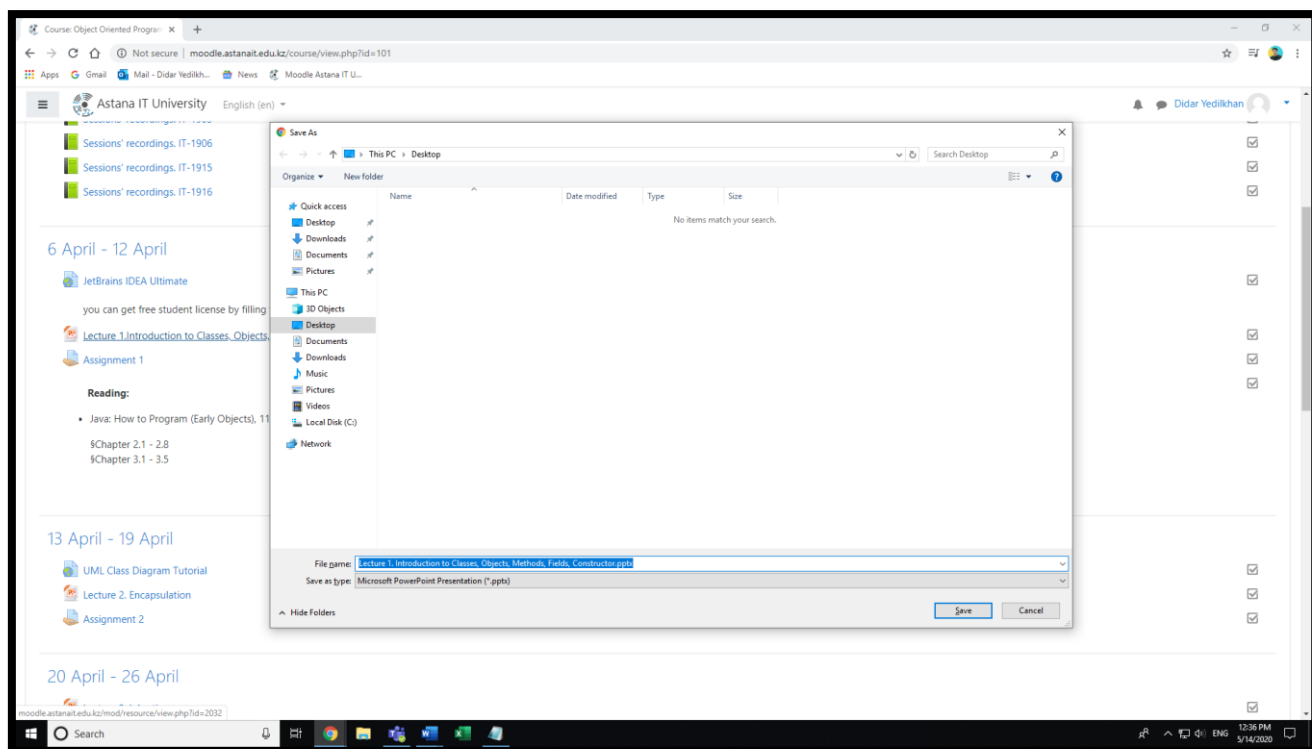
PTS has the ability to make links to recommended sites on its page, for example, for Microsoft Teams.



When the link is activated, the Microsoft Stream platform page opens, where the teacher places the video lecture recorded in the lesson with Microsoft Teams.

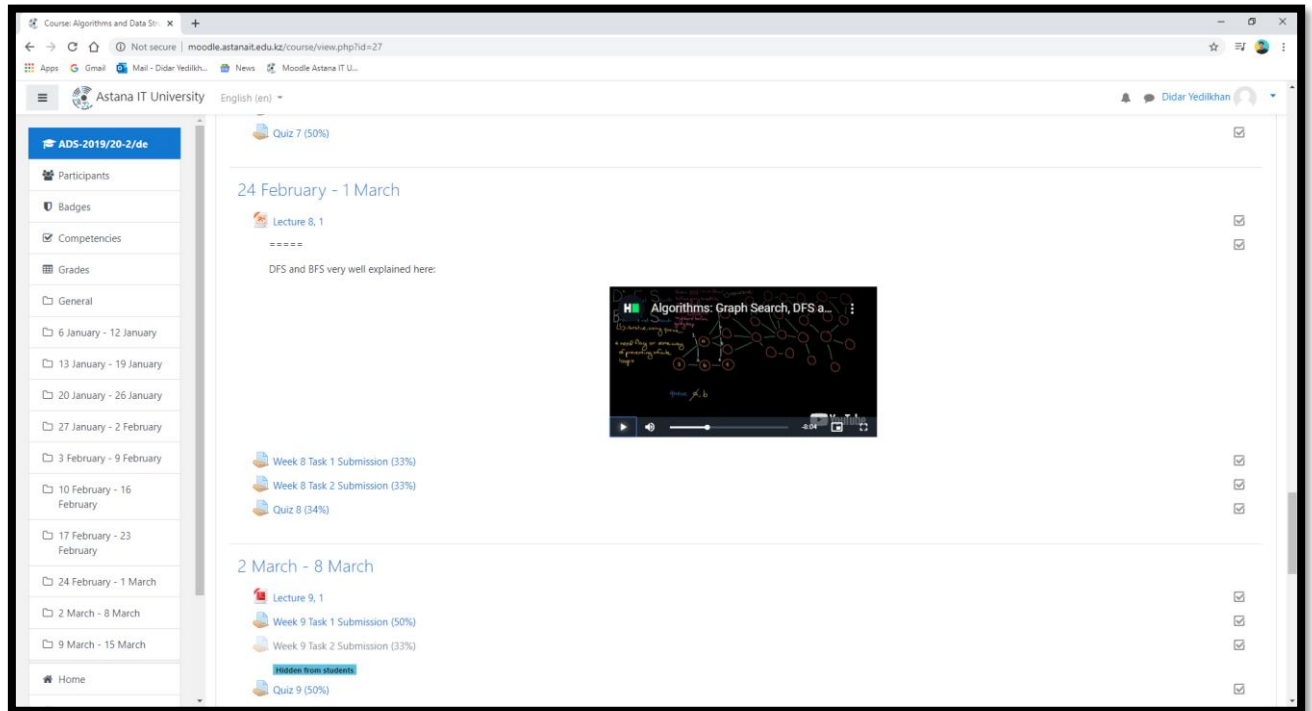


Students can download the lectures by clicking on the "Download" button, and if necessary, save them in the desired folder.



PTS may post video lectures or additional video materials on a specific course page. It is important to note the possibility of using videos from Youtube.com. Integration of Youtube.com with Moodle does not require you to switch to

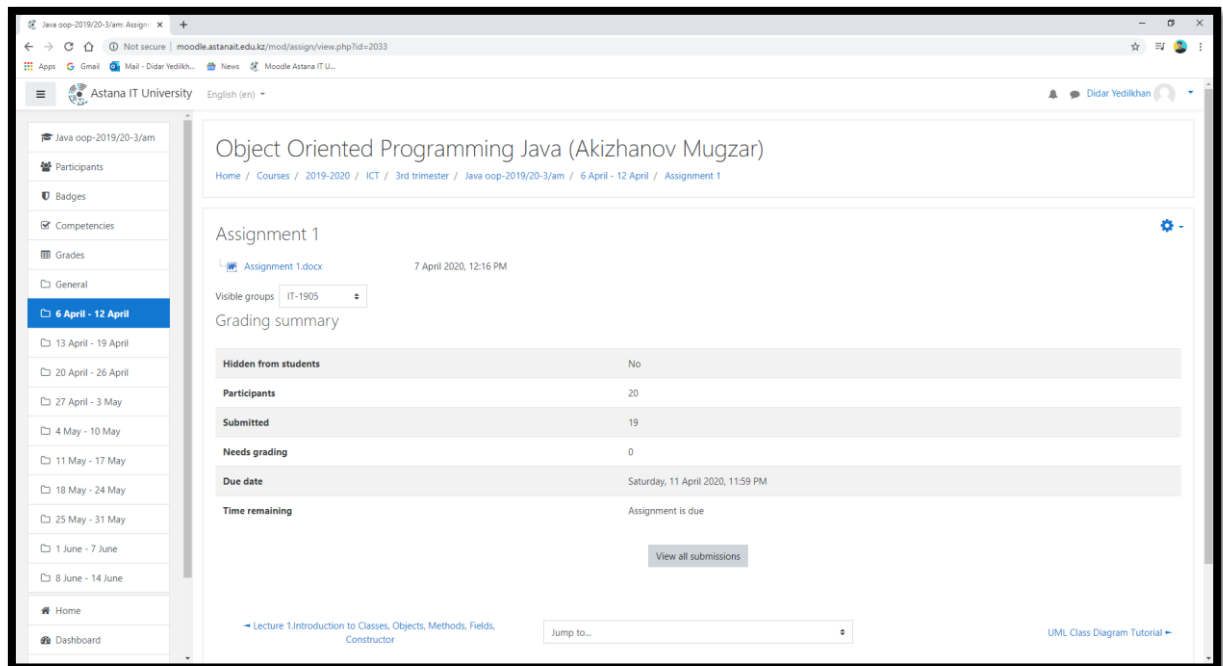
Youtube.com or download additional videos.



The screenshot shows a Moodle course page for 'Algorithms and Data Structures' at Astana IT University. The page is in English and shows a video player for 'Algorithms: Graph Search, DFS a...'. The video player has a progress bar and a play button. Below the video player, there is a list of tasks and quizzes with their completion percentages:

- Quiz 7 (50%)
- 24 February - 1 March
- Lecture 8, 1
- ====
- DFS and BFS very well explained here:
- Week 8 Task 1 Submission (33%)
- Week 8 Task 2 Submission (33%)
- Quiz 8 (34%)
- 2 March - 8 March
- Lecture 9, 1
- Week 9 Task 1 Submission (50%)
- Week 9 Task 2 Submission (33%)
- Hidden from students
- Quiz 9 (50%)

On the PTS page you can see the result of the students' tasks, including the task itself (Assignment 1.docx) and the number of tasks completed.



The screenshot shows a Moodle assignment page for 'Object Oriented Programming Java (Akizhanov Mugzar)' at Astana IT University. The page is in English and shows the assignment details, including the title, date, and a grading summary table.

Assignment 1

Assignment 1.docx 7 April 2020, 12:16 PM

Visible groups IT-1905

Grading summary

Hidden from students	No
Participants	20
Submitted	19
Needs grading	0
Due date	Saturday, 11 April 2020, 11:59 PM
Time remaining	Assignment is due

View all submissions

→ Lecture 1.Introduction to Classes, Objects, Methods, Fields, Constructor

Jump to...

UML Class Diagram Tutorial

If the assignment is an automatic multiple-choice test, the student can come to this test and see which questions they have made mistakes in:

The screenshot shows the Moodle gradebook interface for Astana IT University. The sidebar on the left contains navigation links: 'ACS-2019/20-2/ide', 'Participants', 'Badges', 'Competencies', 'Grades', and 'General'. The main content area displays a table of student grades for a quiz. The table includes columns for student details (First name, Surname, Email address, State), quiz questions (Q.1 to Q.13), and overall scores. A student named 'Insan Aitkozha' is highlighted with a score of 67.67 (30). The table also shows the number of attempts and the time taken for each question.

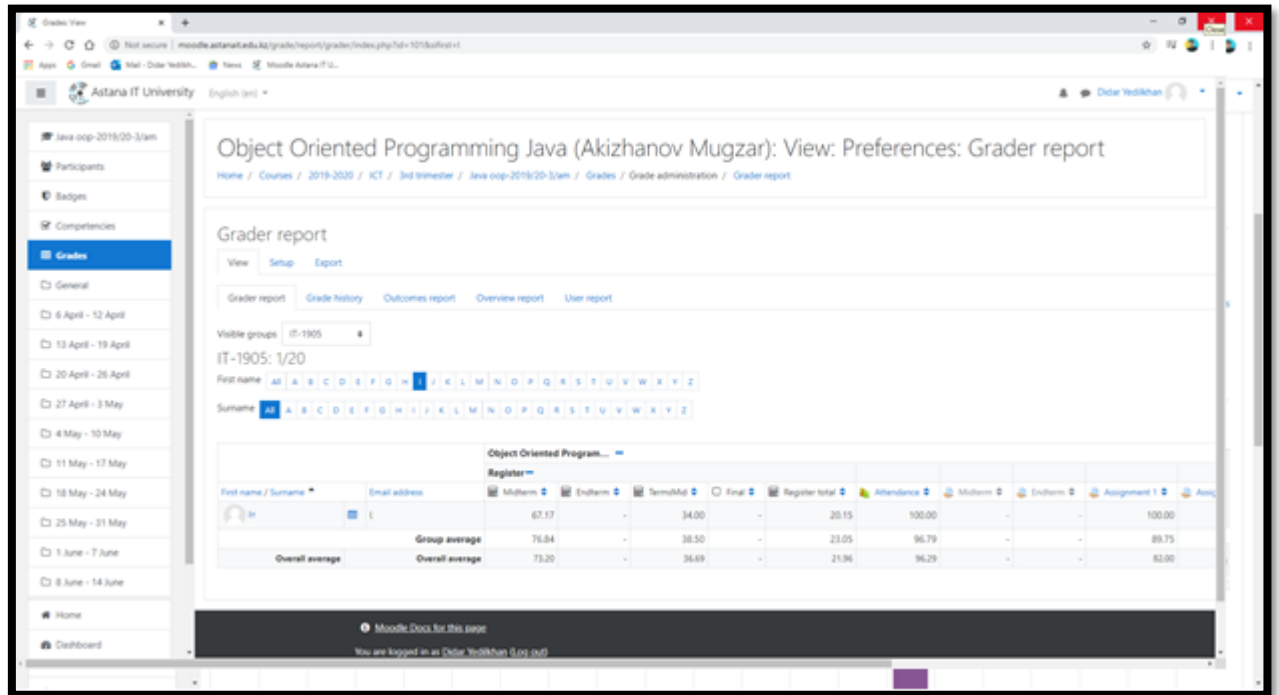
1. Grading in Moodle

Once the grades have been completed, all the students in the course will be displayed on the page.

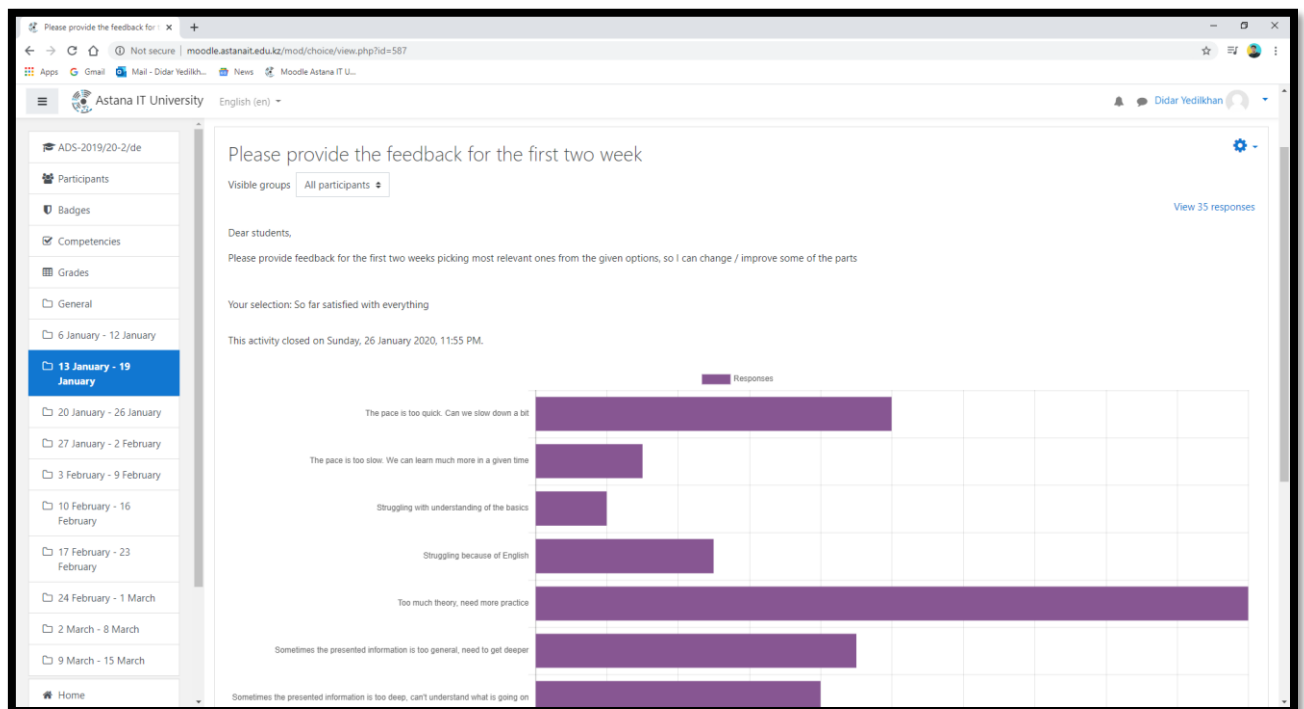
The screenshot shows the Moodle assignment grading page for 'Object Oriented Programming Java (Akizhanov Mugzar)'. The page displays a table of student submissions. The table includes columns for user details (User picture, First name / Surname, Email address), submission status (Submitted for grading, Graded), grade (100.00 / 100.00), last modified date (Saturday, 11 April 2020, 8:38 PM), and file submissions (AssignmentOne.java, point.java, shape.java). A student named 'Insan Aitkozha' is highlighted with a score of 100.00 / 100.00. The page also shows options for grading actions, visible groups, and a filter for assignments per page.

Students have the opportunity to view a summary table of all grades, in order to do so, in the upper left corner (near the university logo) you need to open the menu and select "Grades", in which case you will see a summary of all grades for

the course, including the percentage of attendance, as shown below:



In addition, the PTS can conduct a quality analysis of the lesson through a student survey as shown below:



If you have any questions, you can always contact our support team at [http://helpdesk@astanait.edu/kz](mailto:helpdesk@astanait.edu/kz) /