

Manual de uso LTI Beecrowd

Utilizar LTI do Beecrowd já configurada no Moodle

Esse Manual mostra como o professor cria uma atividade do Moodle no Beecrowd, como um aluno acessa essa atividade, e como o professor pode transferir as notas do Beecrowd para o Moodle.

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Criando a atividade

1. Entre em modo edição
2. Vá em adicionar uma atividade ou recurso:

beecrowd Integration Demo

[Course](#) [Settings](#) [Participants](#) [Grades](#) [Reports](#) [More](#) ▾

▼ General ✎

[Collapse all](#) ⋮

 [Add an activity or resource](#)

[Add topic](#)



















3. Selecione a atividade “beecrowd”

Add an activity or resource

×

Search

[Starred](#) [All](#) [Activities](#) [Resources](#)

 Assignment ☆ ⓘ	 beecrowd ★ ⓘ	 Book ☆ ⓘ	 Chat ☆ ⓘ	 Choice ☆ ⓘ	 Database ☆ ⓘ
 External tool ☆ ⓘ	 Feedback ☆ ⓘ	 File ☆ ⓘ	 Folder ☆ ⓘ	 Forum ☆ ⓘ	 Glossary ☆ ⓘ
 H5P	 IMS content package	 Lesson	 Page	 Quiz	 SCORM package

4. Vai abrir essa página:
- Em **General** > **Activity Name**, escreva o nome da atividade - como essa primeira vai ser para uso do professor, para entrar no Beecrowd Academic, você pode escolher um nome tipo “**Acesso ao Beecrowd Acadêmico**”;
 - Em **Grade** > **Type**, selecione None;
 - Em **Common module settings** > **Availability**, selecione “**Hidden on Course Page**”;
 - Clique em **Save and return to course**

🔧 Adding a new External tool?

E

▼ General

Activity name ⓘ Academic Access

[Show more...](#)

Select content

> Privacy

▼ Grade

Grade ⓘ

Type None ▾

▼ Common module settings

Availability ⓘ Hide on course page ▾

[Show more...](#)

Force language Do not force ▾

> Restrict access

> Tags

> Competencies

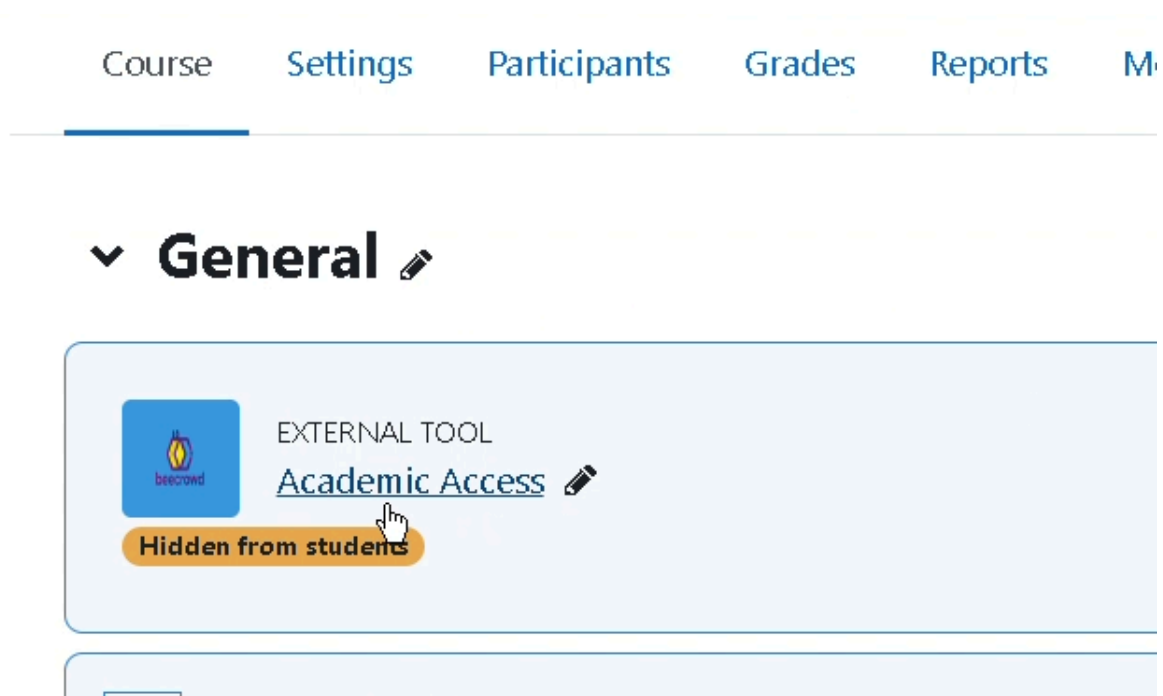
☐ Send content change notification ⓘ

Save and return to course

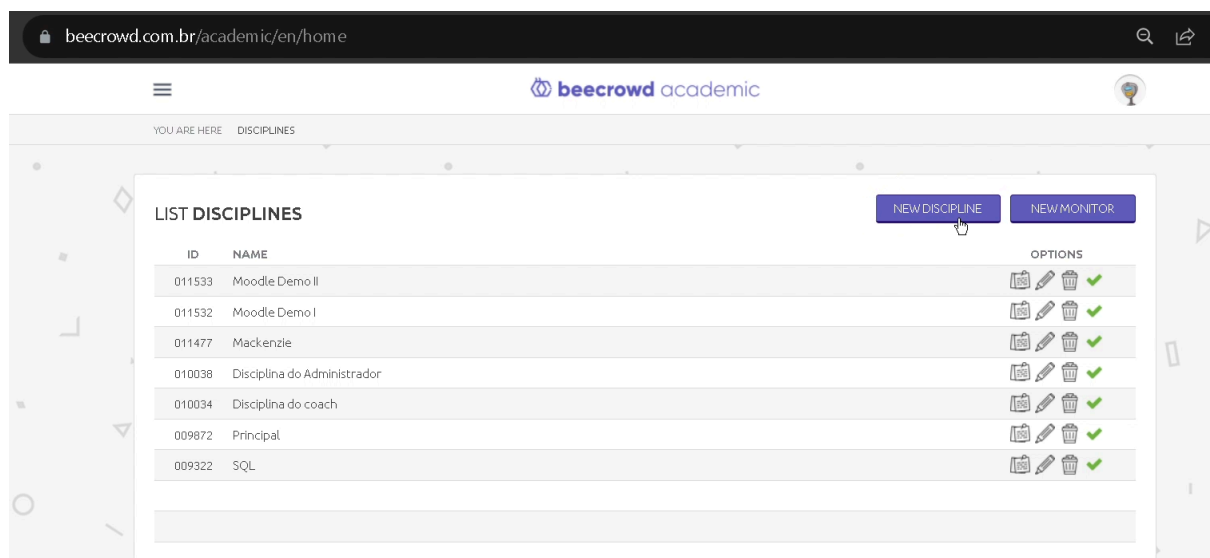
Save and display

Cancel

5. Agora, a atividade que você criou vai aparecer na página do curso. Clique nela.



6. Você vai ser redirecionado para a página do Beecrowd Academic. Caso você já esteja logado, vai aparecer a lista de suas disciplinas.



Você pode criar uma disciplina, ou selecionar uma disciplina já existente. Para cada disciplina, você pode criar tarefas, e, para cada tarefa, você pode selecionar diferentes questões, e arrumar outras configurações, como data de início, de fim, etc (Veja as imagens da próxima página).

Criar ou editar tarefa:

The screenshot shows the Beecrowd Academic interface. At the top, there's a navigation bar with the Beecrowd Academic logo and a search icon. Below the navigation bar, there's a breadcrumb trail: "YOU ARE HERE DISCIPLINES / MOODLE DEMO I". The main content area is divided into two sections: "AUXILIARIES" and "HOMEWORK". The "AUXILIARIES" section has a message: "No auxiliaries were found in this discipline." and an "EDIT" button. The "HOMEWORK" section has a message: "BUILD LISTS WITH PROBLEMS FROM OUR REPOSITORY!" and a "NEW HOMEWORK" button. Below this, there's a table with columns: "#", "ID", "HOMEWORK", and "DEADLINE". The table contains one row with the following data: "#", "ID", "HOMEWORK", "DEADLINE", "OPTIC", "Edit". The row data is: "1", "038593", "New Task", "September 30, 2023 at 12:00 PM", "OPTIC", "Edit". The "OPTIC" column has icons for a chart, a gear, an eye, a pencil, and a trash can. The "Edit" button is a small purple button with the text "Edit".

Editando a tarefa:

The screenshot shows the "EDIT HOMEWORK" form in the Beecrowd Academic interface. The form is divided into two main sections: "DISCIPLINE INFORMATION" and "HOMEWORK INFORMATION". The "DISCIPLINE INFORMATION" section has a "DISCIPLINE" field with the value "Moodle Demo I" and a "CREATED BY" field. The "HOMEWORK INFORMATION" section has a "HOMEWORK TITLE" field with the value "New Task".

Selecionando questões:

The screenshot shows the "Selecionando questões" form in the Beecrowd Academic interface. The form has several fields: "START" (09/11/2023 18:00), "DEADLINE" (09/30/2023 12:00), "PROGRAMMING LANGUAGES" (Python 3.9 (Python 3.9.4)), "EXERCISES" (1000 - Hello World!), and a checkbox for "ENABLE ANTI-PLAGIARISM MECHANISMS". There is also a "SUGGESTION" button. A yellow notice box states: "NOTICE: YOU MUST EXPLICITLY SELECT ALL THE LANGUAGES AND VERSIONS YOU WANT TO ACCEPT. BY CHOOSING C++, FOR INSTANCE, THE ACADEMIC WILL NOT ACCEPT SUBMISSIONS IN C++17. SIMILAR BEHAVIOR CAN BE EXPECTED FROM PYTHON AND OTHER LANGUAGES."

7. Agora que você tem a disciplina com a tarefa desejada, volte ao Moodle e clique para adicionar uma atividade ou recurso:

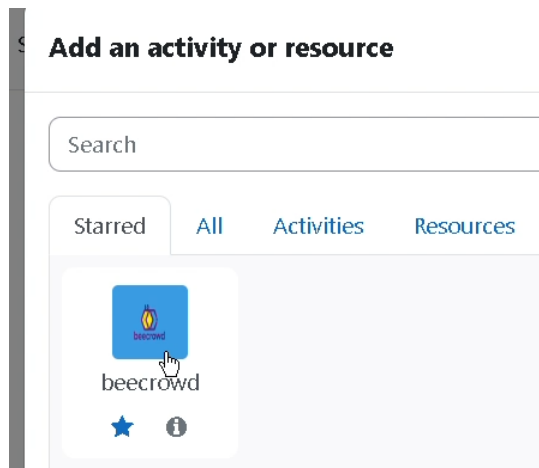
▼ Topic 1 ✎



[Add an activity or resource](#)

[Add topic](#)

8. Selecione a atividade Beecrowd.



9. Clique em “Selecionar conteúdo”:

beecrowd Integration Demo

[Course](#) [Settings](#) [Participants](#) [Grades](#) [Reports](#) [More ▼](#)

✚ Adding a new External tool to Topic 1 ⓘ

▼ General

Activity name

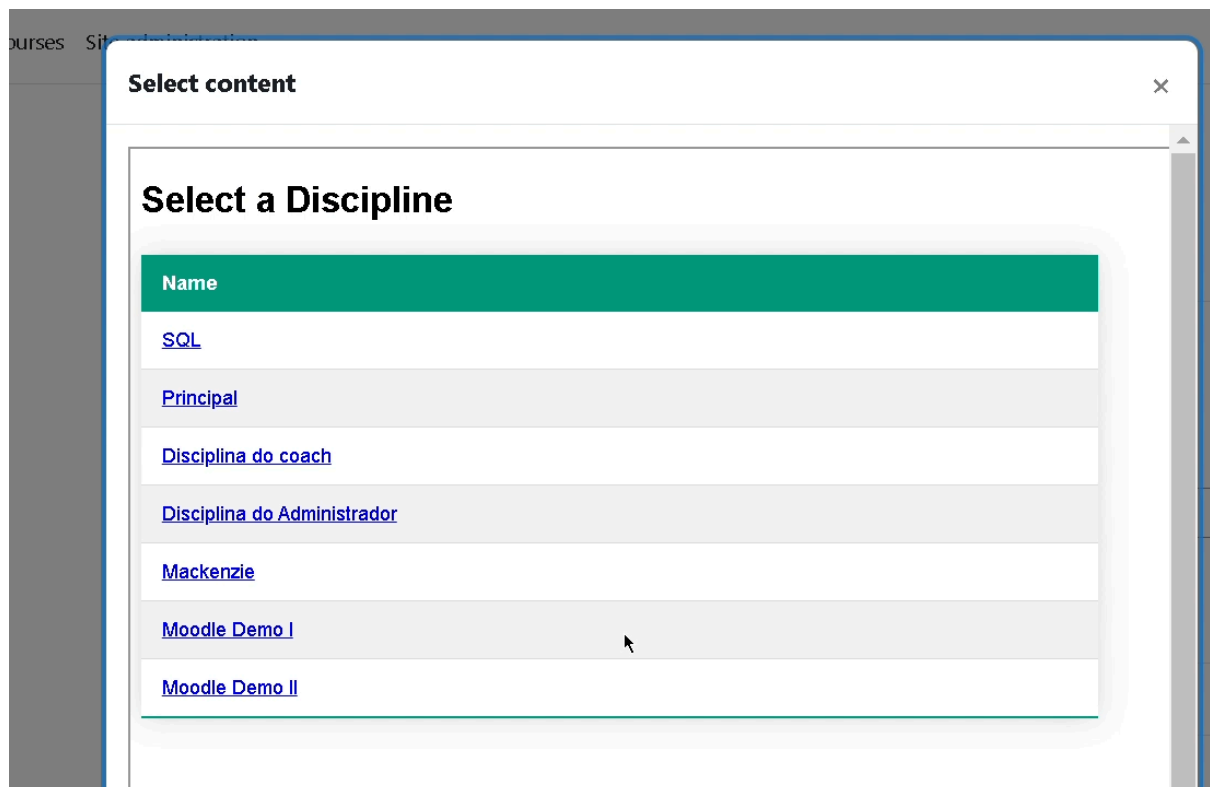


[Show more...](#)

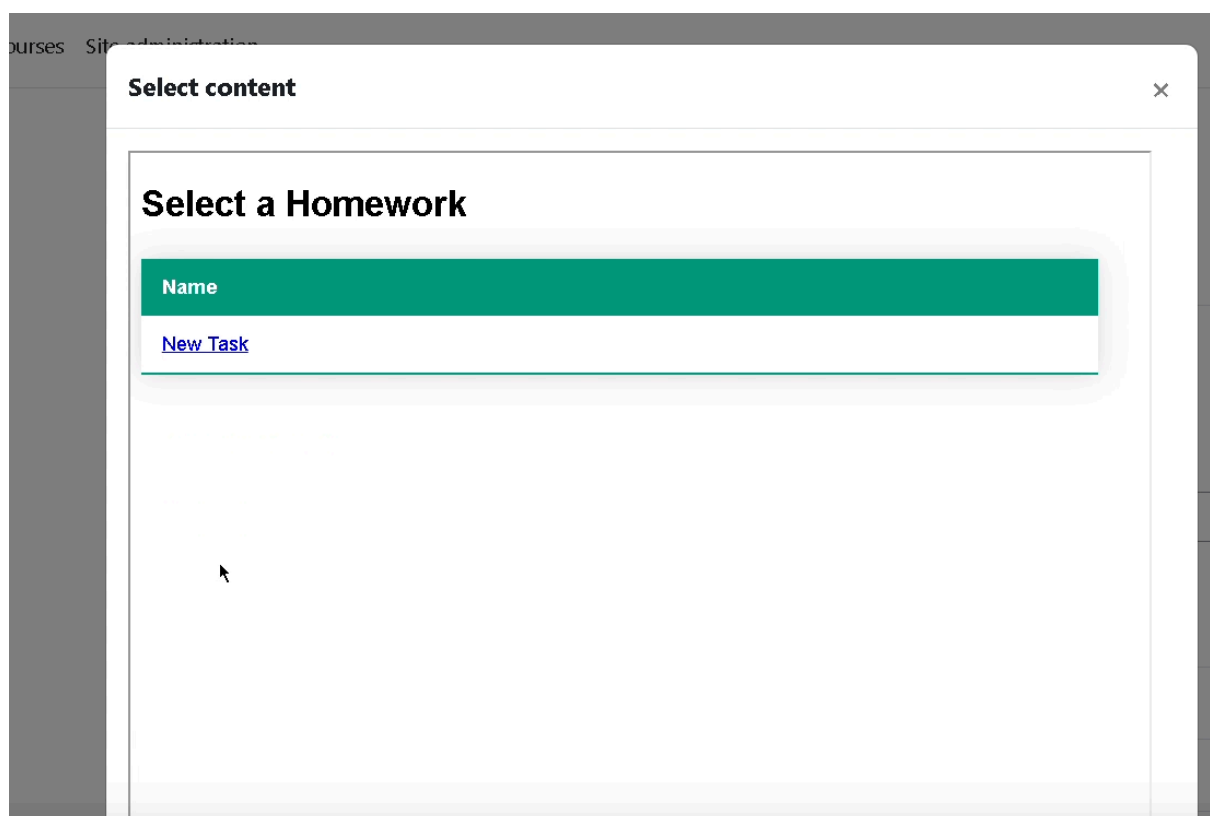
Select content



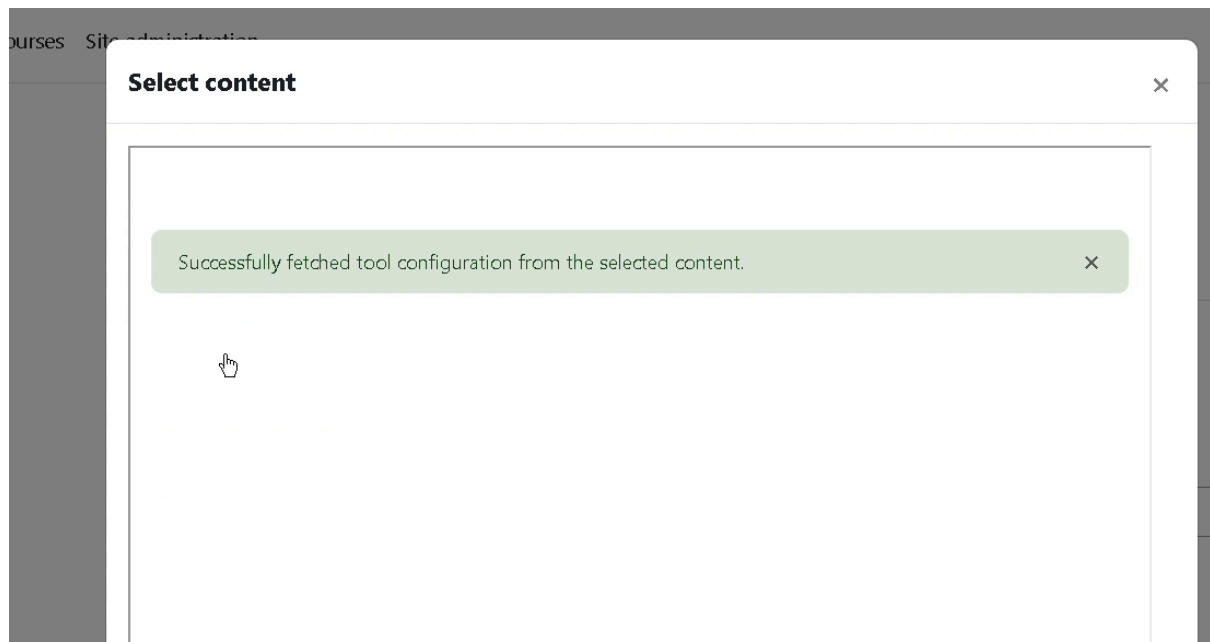
10. Seleccione a Disciplina criada no Beecrowd Academic:



11. Seleccione a tarefa criada no Beecrowd Academic:



Vai aparecer uma mensagem de confirmação que a tarefa foi selecionada com sucesso:



12. Você vai ser redirecionado de volta para a tela anterior, e agora é só clicar em **“Save and return to course”**

Courses Site administration

Activity name ! Tema de Casa: New Task

[Show more...](#)

Select content

> **Privacy**

> **Grade**

> **Common module settings**

> **Restrict access**

> **Tags**

> **Competencies**

☐ Send content change notification ?

Save and return to course Save and display Cancel

Agora a tarefa aparecerá dessa forma na página do curso:

ourses Site administration

Hidden from students




Add an activity or resource

Add topic

▼ Topic 1



EXTERNAL TOOL

Tema de Casa: New Task 



Add an activity or resource

Entrando como aluno

- 1. O aluno clica na tarefa do Beecrowd, criada pelo professor:


ourses

beecrowd Integration Demo

CourseParticipantsGradesCompetencies

▼ General

▼ Topic 1




[Tema de Casa: New Task](#)

- 2. O aluno é direcionado à tarefa do Beecrowd, sem precisar criar um usuário, e já pode começar a resolver os exercícios da tarefa:

HOMEPROFILENEWS927 OPPORTUNITIESACADEMICCONTESTSFORUMPROBLEMS SUBMISSIONSRANKS SIGN OUT


DEADLINE



18 days

9/30/23, 3:00 PM

TOP ZBIZZ



EGJanke0
aluno.beeccrowd
aluno.ava4253
celso.barboza+can...
alunost
be+aluno3
arthur.dorneles
Cerso0
celso.barboza+moodle

DISCIPLINE: Moodle Demo I
PROFESSOR:
HOMEWORK: New Task
EXERCISES: 1 problems
STARTS: 9/11/23, 9:00 PM
ACCEPT: PYTHON 3.9

INSTRUCTIONS
testing moodle access

PROGRESS

#		PROBLEM	SUBMISSION	ACCEPTED	LEVEL	WEIGHT
1	1000	✓ Hello World!	02	35493426	5	100

Resolvendo um exercício:

The screenshot shows the Beecrowd website interface. At the top, there's a navigation bar with links like HOME, PROFILE, NEWS, OPPORTUNITIES, ACADEMIC, CONTESTS, FORUM, PROBLEMS, SUBMISSIONS, RANKS, and SIGN OUT. The user profile 'Hi, celso.barboza@moodle' is visible. The main header features the 'BEE 1000' logo and a 'SOLVED' badge. Below this, a yellow banner states 'THIS PROBLEM BELONGS TO HOMEWORK: NEW TASK, CREATED BY CELSO BARBOZA'. The problem title is 'Hello World!' with a difficulty level of 1000. It includes a 'Timelimit: 1' and a description: 'Your first program in any programming language is usually "Hello World!". In this first problem all you have to do is print this message on the screen.' A red speech bubble with the word 'hello!' is shown. On the right, the 'SOURCE CODE' section is empty, and the 'LANGUAGE' dropdown is set to 'Python 3.9'.

Digita o código e clica em Submit:

This screenshot shows the same Beecrowd problem page, but with the solution code entered in the 'SOURCE CODE' field. The code is:


```
1 print('Hello World!')
```

. The 'SUBMIT' button is highlighted with a mouse cursor. The text 's print this' is visible on the left side of the image.

O código é avaliado pelo juiz online da plataforma:

[PROFILE](#) [NEWS](#) [527](#) [OPPORTUNITIES](#) [ACADEMIC](#) [CONTESTS](#) [FORUM](#) [PROBLEMS](#) [SUBMISSIONS](#) [RANKS](#) [SIGN OUT](#)

Code received! Your submission was placed in the judging queue... X

 **SOURCE CODE** [EDIT & SUBMIT](#)

VISUALIZE THE SOURCE CODE OF YOUR SUBMISSION, PLUS SOME EXTRA DETAILS.

SUBMISSION # 35495777

PROBLEM:	1000 - Hello World!
ANSWER:	Accepted
LANGUAGE:	Python 3.9 (Python 3.9.4) [+1s]
RUNTIME:	0.063s
FILE SIZE:	21 Bytes
MEMORY:	-
SUBMISSION:	9/12/23, 1:04:29 AM

SOURCE CODE

```
1 print('Hello World!')
```

Notas

13. O professor pode clicar na tarefa do Beecrowd que ele criou para os alunos:

nistration



Course

Settings

Participants


Grades

Reports

More ▾

▼ General


Collapse all



Academic Access

Hidden from students

▼ Topic 1



Tema de Casa: New Task

14. O professor pode visualizar quem respondeu as questões, e, ao clicar em “**Send Grades**”, as notas são enviadas para o Moodle, e o professor consegue visualizar as notas lá:

Página da tarefa no Beecrowd Academic:

YOU ARE HERE DISCIPLINES / MOODLE DEMO I // NEW TASK / PROGRESS

HOMework NEW TASK

[CONFIGURE](#) | [EDIT](#)

DISCIPLINE	Moodle Demo I
CREATED	September 11, 2023 at 8:56 PM
UPDATED	September 11, 2023 at 11:20 PM
LANGUAGES	PYTHON 3.9

09/11/2023
START

09/30/2023
DEADLINE

1
PROBLEMS

18
DAYS TO SOLVE

PROGRESS New Task

[EXPORT CSV](#) | [HORUS PLAGIARISM](#) | [DUPLICATE HOMEWORK](#) | [SEND GRADES](#)

STUDENTS STATISTICS

STUDENT	1000	SCORE %	TOTAL
Estudante Moodle beecrowd	[Progress bar]	100	100.00%

SUBMISSIONS STATISTICS

SOLVED AND TRIES	AVERAGE ATTEMPTS
[Submission progress bars]	1.5

Clica em “**Send Grades**”:

DUPLICATE HOMEWORK | SEND GRADES

SCORE * TOTAL

Mensagem de sucesso que as notas foram enviadas:

beecrowd academic

YOU ARE HERE

DISCIPLINES

Score given successfully

LIST DISCIPLINES

NEW D

ID	NAME
----	------

Notas no moodle:

Course

Settings

Participants

Grades

Reports

More

Warning: Activity deletion in progress! Some grades are about to be removed.

Grader report

Grader report

All participants: 1/1

First name

Last name

First name / Last name	Email address	beecrowd Integration De...
EM Estudante Moodle beecrowd		Course total
Overall average		100.00