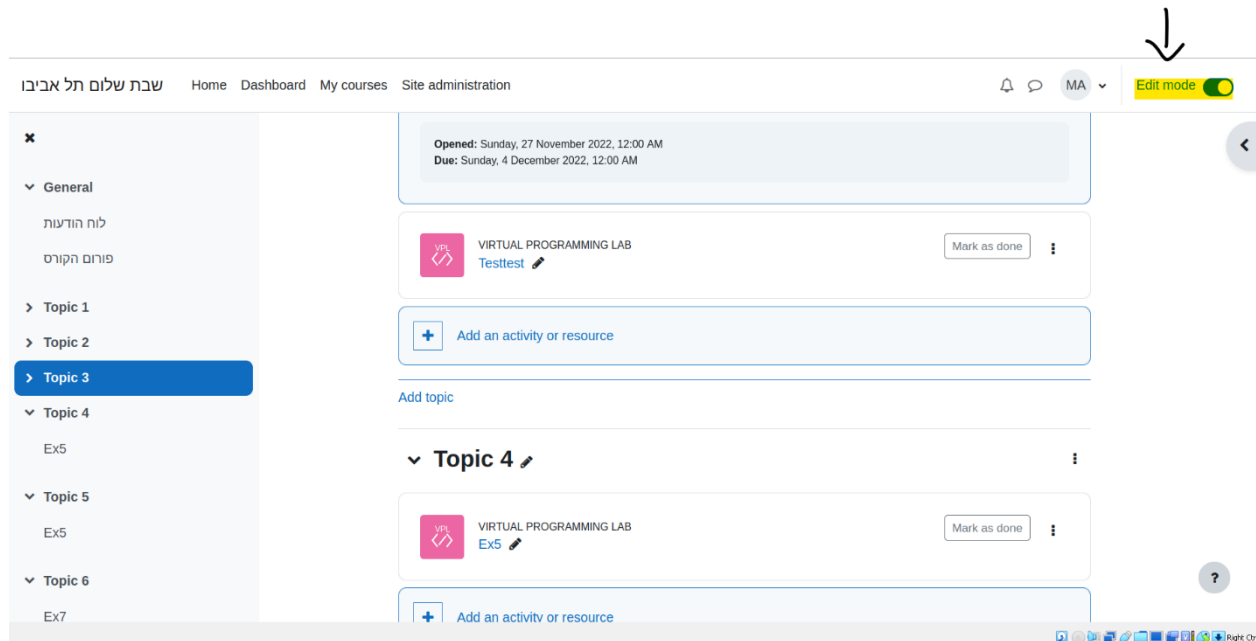


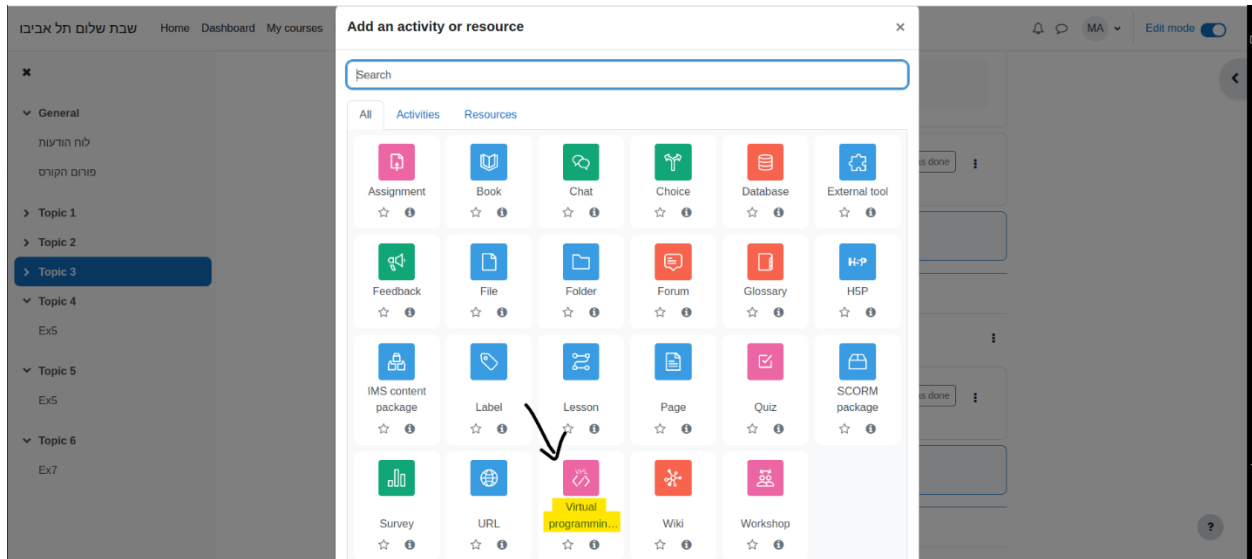
Steps to upload assignment via VPL system

#Uploading a new assignment via the VPL system using a **GitHub URL** Or **Zip file**, for the programming language **C**, **CPP**, **Python**, or **C#**:

- 1) Ensure that the jail server is running to be able to upload the new assignment- run in the terminal the command `systemctl status vpl-jail-system`. Make sure the output is **running**.
- 2) Log in to the Moodle website and navigate to the course where the assignment will be uploaded.
- 3) Make sure that you are in edit mode to be able to make changes.



4) Choose the virtual programming language option when uploading the new assignment.



5) Fill in all the necessary details about the assignment on the next page, including the date, name of the assignment, the number of files, and other relevant information. Then, click on "Save and Display".

6) Click on the "Requested file" tab and enter the name and type of the file that the students are required to upload.

-If the submission is by Git, you should open a txt file (such as file.txt), and the student will upload a git's link of his repository.

- If the submission is by Zip file, you should open a zip file (such as files.zip), and the student will upload a zip directory with all his files.

Don't forget to save your changes by pressing "Ctrl + S".



Mark as done

Description

Submissions list

Similarity

Test activity

📅 Available from: Wednesday, 29 March 2023, 7:41 PM

📅 Due date: Friday, 7 April 2023, 3:00 AM

📎 Maximum number of files: 1

Type of work: 👤 Individual work

🏆 Grade settings: Maximum grade: 100

🚀 Run: No. ☒ Evaluate: No

VPL

7) Click on execution options and change the state of the request mods by your desire.

Run – Lets the student run the program while submitting the assignment.

Debug - Lets the student Debug the program while submitting the assignment.

Evaluate – the student can evaluate his program when uploading the assignment.

Evaluate Just on submission – the student can evaluate it program only when submitting the assignment .

Automatic Grade – the student will get a grade automatically by the vpl jail server without an approvement of the lecturer or teacher.

⚙️ Execution options: testVPL ?

▾ Execution options

Based on	<input type="text" value="Select"/>
Run script ?	<input type="text" value="Autodetect"/>
Debug script ?	<input type="text" value="Autodetect"/>
Run	<input type="text" value="Yes"/>
Debug	<input type="text" value="Yes"/>
Evaluate	<input type="text" value="Yes"/>
Evaluate just on submission	<input type="text" value="Yes"/>
Automatic grade	<input type="text" value="Yes"/>

[save options](#)

8) Click on the "More" tab and select "Execution Files".

The screenshot shows the testVPL interface. At the top, there's a navigation bar with tabs: "Virtual programming lab", "Settings", "Test cases", "Execution options", "Requested files", and "More". The "More" tab is highlighted with a blue box. Below the navigation bar, the main area is titled "</> Execution files: testVPL". A dropdown menu is open from the "More" tab, listing various options. The "Execution files" option is highlighted with a yellow box and has a checkmark next to it. Other options in the menu include Filters, Permissions, Backup, Restore, Maximum execution resources limits, Files to keep when running, Variations, Overrides, Check execution servers, Local execution servers, Submission, Edit, Previous submissions list, and Virtual programming labs.

9) For every kind of programming language and submission, choose the appropriate zip file from the given directories, and import it to the VPL Execution files.

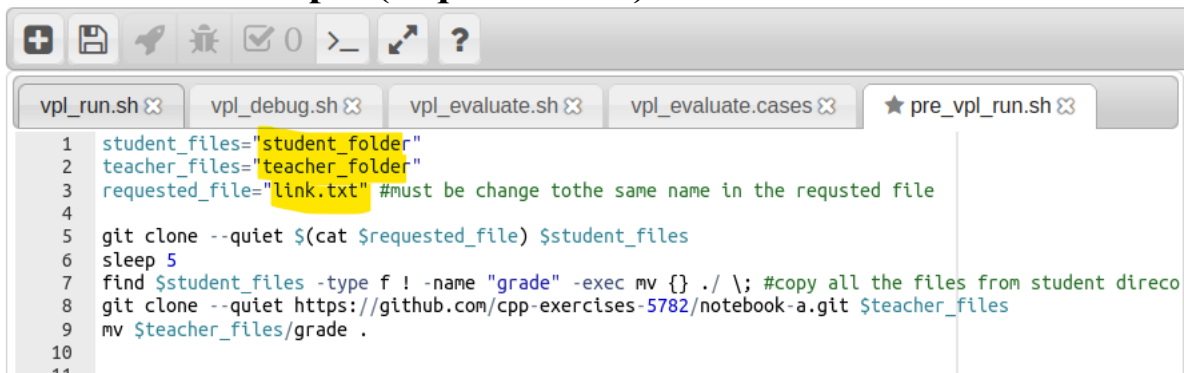
The screenshot shows the testVPL interface with the "Requested files" tab selected. The main area is titled "</> Execution files: EX7-Zip". On the left, there's a "File list" panel showing a directory structure with files like vpl_run.sh, vpl_debug.sh, vpl_evaluate.sh, vpl_evaluate.cases, pre_vpl_run.sh, and round_grade.sh. In the center, there's a code editor with a file named vpl_run.sh. The code in the editor is a shell script that sets up the environment and runs a program. The "Import (Ctrl+I)" button is highlighted with a yellow box. The code in the editor is as follows:

```
1
2
3 bash pre_vpl_run.sh
4 bash ./grade >> ans.txt
5 echo "#!/bin/bash" >> vpl_execution
6 echo "echo '<|>-' >> vpl_execution
7 echo "echo '-$(head -n 1 ans.txt)'" >> vpl_execution
8 echo "echo '->'" >> vpl_execution
9 echo "echo" >> vpl_execution
10
11 echo "echo 'Grade :>>$(grep 'Grade:' ./ans.txt | cut -d ' ' -f2)'" >> vpl_execution
12
13 chmod +x vpl_execution
14
15 cat vpl_execution
16
```

***(If running python program with tests make sure all test files names ends with `_test.py`)**

10)The teacher will have an option to change the default name of the directory files in the `pre_vpl_run.sh` that was import in the previous step.

The requested file name must change to the same file's name that was choose in step 6 (requested file).

A screenshot of a code editor window with a toolbar at the top containing icons for file operations and a search icon. Below the toolbar, there are several tabs for different shell scripts: `vpl_run.sh`, `vpl_debug.sh`, `vpl_evaluate.sh`, `vpl_evaluate.cases`, and `★ pre_vpl_run.sh`. The `pre_vpl_run.sh` tab is active, showing a script with the following content:

```
1 student_files="student_folder"
2 teacher_files="teacher_folder"
3 requested_file="link.txt" #must be change tothe same name in the requested file
4
5 git clone --quiet $(cat $requested_file) $student_files
6 sleep 5
7 find $student_files -type f ! -name "grade" -exec mv {} ./ \; #copy all the files from student direco
8 git clone --quiet https://github.com/cpp-exercises-5782/notebook-a.git $teacher_files
9 mv $teacher_files/grade .
10
11
```

12) From Student side- submit the assignment's files , and get a grade according to teacher's test. The Student can view all the comment of the submission on "+" click.



EX7-Zip

Description

Submission

Edit

Submission view

Grade

Reviewed on Monday, 24 April 2023, 10:49 AM by Automatic grade

Grade: 100.00 / 100.00

Assessment report [-]

[+]-- 0 seconds

[+]-- 0 seconds

[+]-- 0 seconds

[+]-- 2 seconds

[+]-- 2 seconds

Submitted on Monday, 24 April 2023, 10:49 AM (Download)

Notebook-a.zip

13) From teacher side- Get an automatic grade from the student submission due to his evaluation.



EX7-Zip

Virtual programming lab

Settings

Test cases

Execution options

Requested files

More

Description

Submissions list

Similarity

Test activity

Submission selection

All submissions

Evaluate

Choose...

		First name ↓ /	Surname ↓	Submitted on ↓	Submissions ↓	Grade ↓	Evaluator ↓	Evaluated on ↓	⚙️ ↓
1	ST	Student Tal		Monday, 24 April 2023, 10:49 AM	1	100.00 / 100.00	Automatic grade	Monday, 24 April 2023, 10:49 AM	⚙️ ↓

The teacher can view the student submission by clicking the "setting click" and "submission view".

First name ↓ /		Surname ↓	Submitted on ↓	Submissions ↓	Grade ↓	Evaluator ↓	Evaluated on ↓	⚙️ ↓
1	ST	Student Tal	Monday, 24 April 2023, 10:49 AM	1	100.00 / 100.00	<div><div>Submission view</div><div>Previous submissions list</div><div>Copy</div></div>		

The student submission will open :

DescriptionSubmissions listSimilarityStudent Tal

Submission</> EditSubmission viewGradePrevious submissions list

Grade

Reviewed on Monday, 24 April 2023, 10:49 AM by Automatic grade

Grade: 100.00 / 100.00

Assessment report [-]

[+]-- 0 seconds

[+]-- 0 seconds

[+]-- 0 seconds

[+]-- 2 seconds

[+]-- 2 seconds

Submitted on Monday, 24 April 2023, 10:49 AM (Download) (Evaluate)

Automatic evaluation [+]

Notebook-a.zip

Binary File

