

## 1 Accessing Praktomat

Visit the website <https://praktomat-cu.sdfs.fim.uni-passau.de> to interact with Praktomat.

## 2 Interacting with Praktomat

Figure 1 presents the start page of Praktomat. It lists all courses that are currently active in Praktomat with their corresponding instances also called praktomats. In our example (presented in Figure 1), only the course “Modern Database Systems” listed. You can access the praktomat by clicking on the respective course.

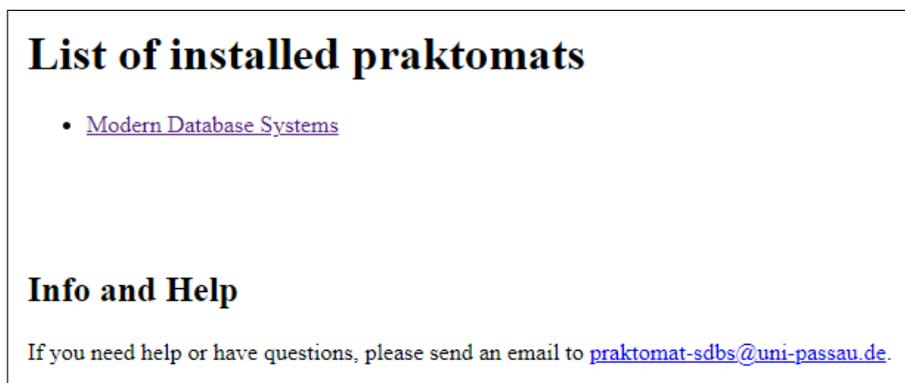


Figure 1: List of instances available in Praktomat.

After this selection, you will see the start page of the instance, as can be seen in Figure 2. This page allows you to login or retrieve your password.

If you do not have a login in Praktomat, please follow the instructions “For new users” on the login page. If you already have an account, see Section 2.1 for information about setting your password for the first login. If you have already set a password in Praktomat, you can log in by specifying your username (e-mail address) and password in the login box (highlighted in green in Figure 2).

### 2.1 Reset Password

Before logging in the first time, or if you forgot your password, click *Retrieve password*. Then, type in the e-mail address you used to enroll in the course. Upon clicking the button "Reset my password", an e-mail will be sent to the specified e-mail address (please also check your spam folder). Click the link sent in the email to set a new password. On the first login, you will have to agree to the data privacy statement.

**Praktomat for the lecture [Modern Database Systems](#)**

**For new users:**

Self-registration in Praktomat is not possible. If you are enrolled in the course, an account should have been created for you. For the first login, please [reset your password](#), using the E-mail address you used to enroll in the course.

If you do not receive an E-mail to reset your password within a few minutes, please contact technical support: [praktomat-sdbs@uni-passau.de](mailto:praktomat-sdbs@uni-passau.de)

**For logged-in users:**

Tasks that are open for submission are listed below.

In case of technical issues with the Praktomat website, please contact technical support: [praktomat-sdbs@uni-passau.de](mailto:praktomat-sdbs@uni-passau.de)

[Data Privacy Statement](#)

▶ [Retrieve password](#)

Username:

Password:

Figure 2: Login page of Praktomat.

## 2.2 Milestone Submissions

After logging in, you see the milestones (MS) that are to be processed (see green marking in Figure 3). In this case the specification *Due: Oct. 28, 2024 noon* indicates that your solution of the milestone has to be submitted until October 28, 2024 at noon. The specified deadlines are hard deadlines. Submitting after the deadline is *not possible*. Other ways of submission, such as e-mail attachments or printouts, are not accepted.

The submitted milestones are not scored by Praktomat itself, so the *Result Overview* (red marking in Figure 3) can be ignored.

### 2.2.1 Milestone Details

Clicking on a milestone (in this case *MS1 - Query Compiler*) reveals its details (see Fig. 4). The submission deadline (red marking) is displayed again next to the milestone description (black marking). *My Solutions* (green marking) presents already uploaded solutions and allows you to submit another solution for the milestone.

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[Data Privacy Statement](#)

**Upcoming tasks**

**MS1 - Query Compiler**

Due: Oct. 28, 2024 noon [Solutions](#)

**Result Overview**

Task	Grade	Rating Scale
MS1 - Query Compiler	-	Rating
<b>Predicted Final Grade</b>	<b>0</b>	

Figure 3: Overview page of milestone submissions.

**MS1 - Query Compiler** Submission date: Oct. 28, 2024

[My Solutions](#)

... milestone description ...

Figure 4: Milestone details.

### 2.2.2 Milestone Submission

Enter *My Solutions* (see Fig. 4) to look up your previous submissions and submit another one (see Fig. 5). On the right side (red marking in Fig. 5) you can see your previous submissions (Solution History) as well as your current **final** submission, which is the latest submitted solution that also passed all our internal tests.

Your submission has to be uploaded on the left side (green markings in Fig. 5). Under *Choose File* you can select the file to be uploaded. If necessary, more files can be added by the +/- buttons. Clicking on *upload* submits your solution, immediately checked by Praktomat. You can find the expected file name in the respective task description. If the file name does not correspond with the expected one, submission will be rejected.

Submitting another solution is possible *as often as you like* (within the submission deadline), regardless of whether a final solution is already present or not.



**MS1 - Query Compiler**

Time left: 2 weeks, 4 days

**Upload solution**

File:  No file chosen

Source code file as part of a solution an archive file (.zip) containing multiple solution files.

**Final Solution**

- [Solution 3](#) (31 minutes ago)

**Solution History**

- [Solution 3](#) (31 minutes ago)
- [Solution 2](#) (33 minutes ago)
- [Solution 1](#) (35 minutes ago)

Figure 5: Milestone submission.

### 2.2.3 Milestone Solution

A solution checked by Praktomat is either correct and therefore accepted (see Fig. 6) or faulty and consequently rejected (see Fig. 7).



**MS1 - Query Compiler**

All required tests have been passed.

This is your current final solution.

**Results**

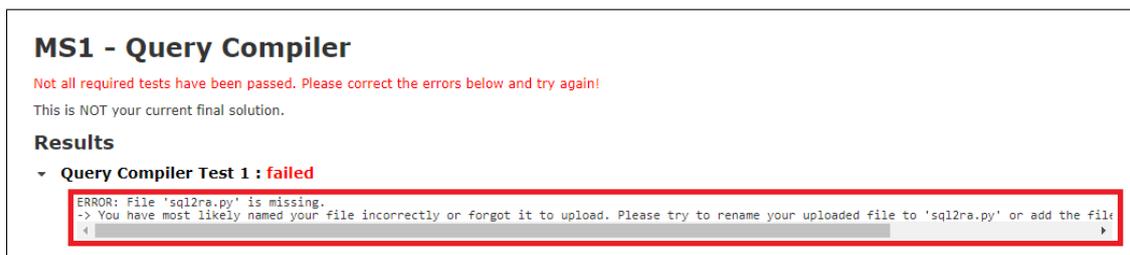
- Query Compiler Test 1 : **passed**

**Files**

sql2ra.py

Figure 6: Submission accepted.

The reason for the rejection of your submission is displayed in Praktomat (red marking in Fig. 7). In this example, the uploaded file had an incorrect name.



**MS1 - Query Compiler**

Not all required tests have been passed. Please correct the errors below and try again!

This is NOT your current final solution.

**Results**

- Query Compiler Test 1 : **failed**

ERROR: File 'sql2ra.py' is missing.  
-> You have most likely named your file incorrectly or forgot it to upload. Please try to rename your uploaded file to 'sql2ra.py' or add the file

Figure 7: Submission rejected.