

Installation of Coderunner plugin on Moodle Server

Assumption:

- You have a local instance of moodle server
- RKU local instance of moodle server is on *192.168.176.82*

Source to install Code Runner

- Click [here](#)

Installation of Code Runner Plugin in moodle

1. Connect to local server i.e. "192.168.176.82" (local IP address @RKU)
 - a. Command: **ssh root@192.168.176.82**
 - b. You will see the root of moodle server as shown in below screenshot

```
cabcin3@cabcin3 MINGW64 ~/Desktop
$ ssh root@192.168.176.82
root@192.168.176.82's password:
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.11.22-4-pve x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 * Introducing Expanded Security Maintenance for Applications.
   Receive updates to over 25,000 software packages with your
   Ubuntu Pro subscription. Free for personal use.

   https://ubuntu.com/pro
New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Aug 22 04:13:28 2023 from 172.16.4.184
root@moodle:~#
```

2. Now, change prompt to "Installation Folder"

```
cd /var/www/html/teal_classroom/
```

```
root@moodle: /var/www/html/teal_classroom
```

```
root@moodle: /var/www/html/teal_classroom#
```

3. Execute the following commands:

Get the code using git by running the following commands in the top level folder of your Moodle install:

- a. `git clone https://github.com/trampgeek/moodle-qtype_coderunner.git question/type/coderunner`

- b. `git clone`

```
https://github.com/trampgeek/moodle-qbehaviour_adaptive_adapted_for_code
runner.git question/behaviour/adaptive_adapted_for_coderunner
```



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Note: Just follow onscreen commands while login in moodle LMS (this task should be performed after execution of 3.a and 3.b, you will find coderunner plugin on your local server as shown below: (Site Administration -> Plugin))

Question types

[Manage question types](#)
[Question preview defaults](#)
[CodeRunner](#)
[Multiple choice](#)

- Once it is successfully installed, you can access **coderunner** in your moodle course as shown below:

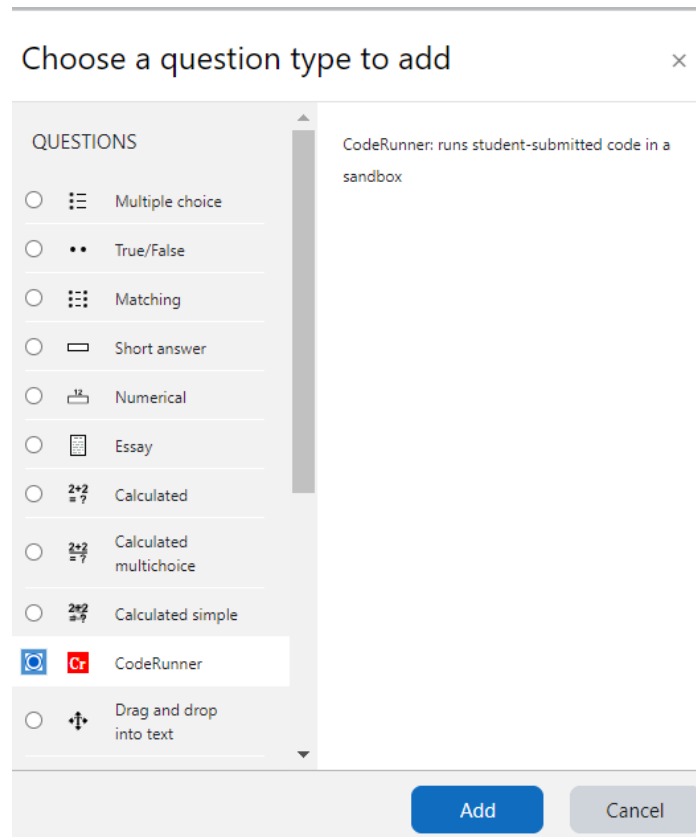
Fundamentals of Programming

The screenshot shows the Moodle course navigation menu for 'Fundamentals of Programming'. The menu items are: Course, Settings, Participants, Grades, Reports, and More. The 'More' dropdown menu is open, showing options: Question bank (highlighted), Content bank, Course completion, Badges, and Competencies. On the left side of the menu, there are expandable sections: '> General' and 'v Topic 1'.

- Now, create a **new question** to use “coderunner” in your moodle course

The screenshot shows the 'Create a new question' dialog box in Moodle. It features a search bar labeled 'Filter by tags...' with a dropdown arrow. Below the search bar are three checkboxes: 'Show question text in the question list' (unchecked), 'Also show questions from subcategories' (checked), and 'Also show old questions' (unchecked). At the bottom of the dialog is a button labeled 'Create a new question ...'.

Now, “coderunner” plugin successfully installed, you can refer the following link to have more details on coderunner.



Reference:

https://github.com/trampgeek/moodle-qtype_coderunner#installation