

Chapter I

Subject

- Create a program that resolves a sudoku.
- Your submission directory must have all files required to compile your program.
- You must submit a *Makefile* which will compile your source files.
- Your executable must be named *sudoku*
- A valid sudoku has only one possible solution.
- Here's how we'll launch your program :
 - > ./rush-1 line0 line1 line2 line3 line4 line5 line6 line7 line8
- LineN represents a characters string of values ranged between '1' and '9' or '.' (for empty boxes).
- Here's an example of intended input/output for a valid sudoku.

```
>./sudoku "9...7...." "2...9..53" ".6..124.." "84...1.9." "5.....8.." ".31..4..."
«..37..68." ".9..5.741" "47....." | cat -e
9 1 4 3 7 5 2 6 8$
2 8 7 4 9 6 1 5 3$
3 6 5 8 1 2 4 7 9$
8 4 6 5 2 1 3 9 7$
5 2 9 6 3 7 8 1 4$
7 3 1 9 8 4 5 2 6$
1 5 3 7 4 9 6 8 2$
6 9 8 2 5 3 7 4 1$
4 7 2 1 6 8 9 3 5$
>
```

- In case of error, display "Error" followed by a line break.

How to submit your work

1. You must register on <https://github.com/> using your email from applicant
2. Make sure that your email address is not private

Personal settings

Profile

Account

Security

Security log

Emails

Notifications

Billing

SSH and GPG keys

Blocked users

Repositories

Organizations

Saved replies

Applications

Developer settings

Emails

marathon@21-school.ru – Primary ⓘ

• Visible in emails ⓘ

• Receives notifications ⓘ

Add email address

Email address

Add

Primary email address

marathon@21-school.ru will be used for account-related notifications and can be used for password resets.

marathon@21-school.ru ↕

Save

Backup email address

Your backup GitHub email address will be used as an additional destination for security-relevant account notifications and can also be used for password resets.

Allow all verified emails ↕

Save

Please add a verified email, in addition to your primary email, in order to choose a backup email address.

☐ Keep my email addresses private

We'll remove your public profile email and use 62707030+school21@users.noreply.github.com when performing web-based Git operations (e.g. edits and merges) and sending email on your behalf. If you want command line Git operations to use your private email you must [set your email in Git](#).

3. Create private repository



Public

Anyone can see this repository. You choose who can commit.



Private


You choose who can see and commit to this repository.


4. Add **marathon@21-school.ru** to collaborators


The screenshot shows the GitHub repository settings page for a repository named 'marathon'. The 'Settings' tab is selected in the top right corner. On the left sidebar, the 'Manage access' option is circled. A modal window titled 'Invite a collaborator to marathon' is open in the center, showing a search bar with 'marathon@21-school.ru' and a result for 'school21' with an 'Invite collaborator' button. Below the modal, the 'Manage access' section is visible, showing a message: 'You haven't invited any collaborators yet'. At the bottom of this section, there is a green button labeled 'Invite a collaborator' which is also circled. The background of the settings page is dimmed.

5 Set your public email in your profile

Add a bio


Company

Location



✓

marathon@21-school.ru

Website

Save

Cancel