

The background of the slide is an abstract geometric pattern composed of numerous triangles of varying sizes. The colors transition from a light, pale green at the top to a deep, dark blue at the bottom, creating a sense of depth and movement.

Codechef 2nd round presentation

SUBMITTED BY -
SUBHASH KUMAR
PAL

Login page

- Its is the login page where we can create new account and those having already account they can login and it having feature of autosave in which you don't need to remember password.

dechef-psubh.freecluster.eu/login.html

Logged in as : psubh9406@gmail.com

Login

UserName : psubh9406@gmail.com

Password :

Login

Register

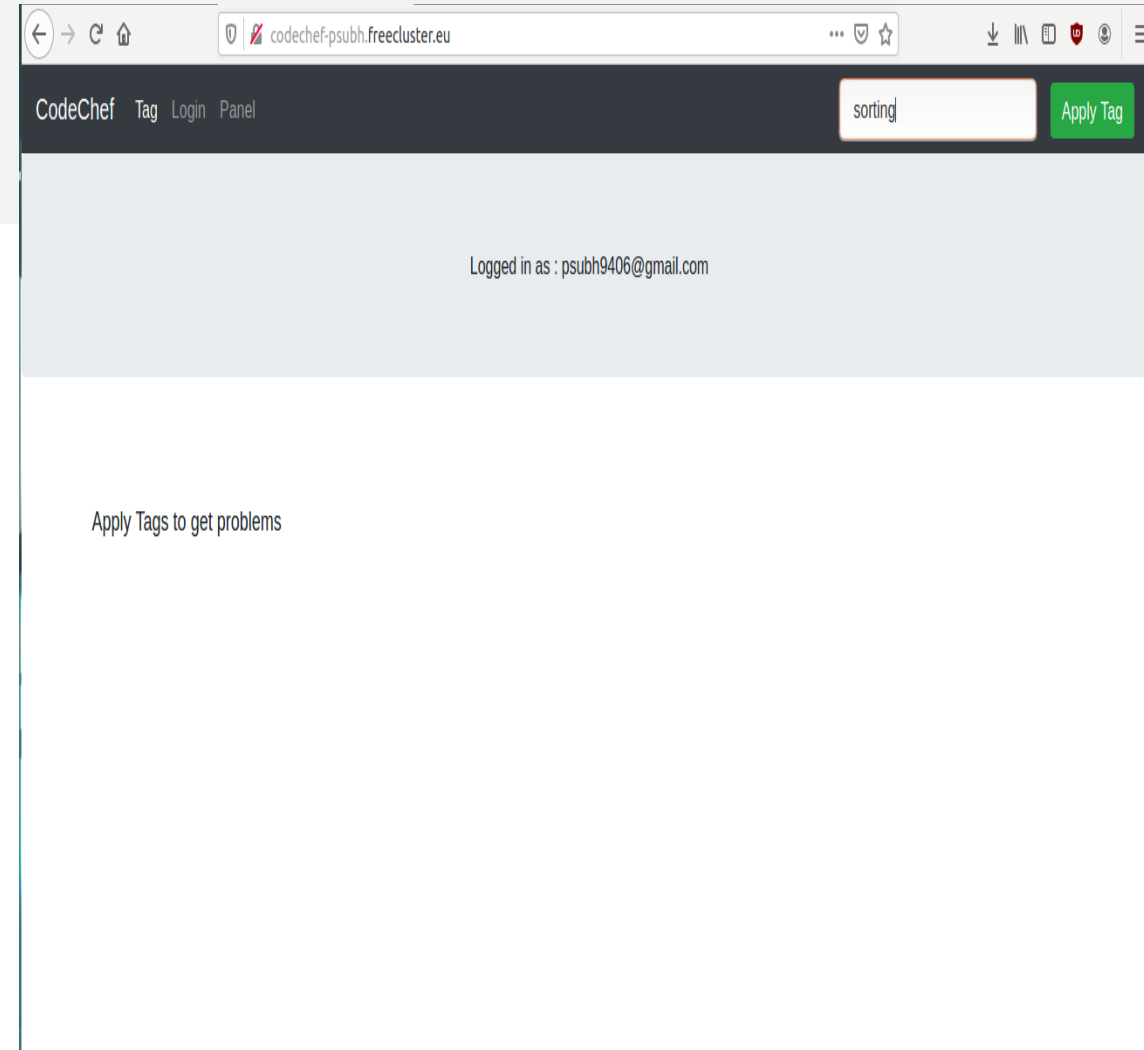
UserName :

Password :

Register

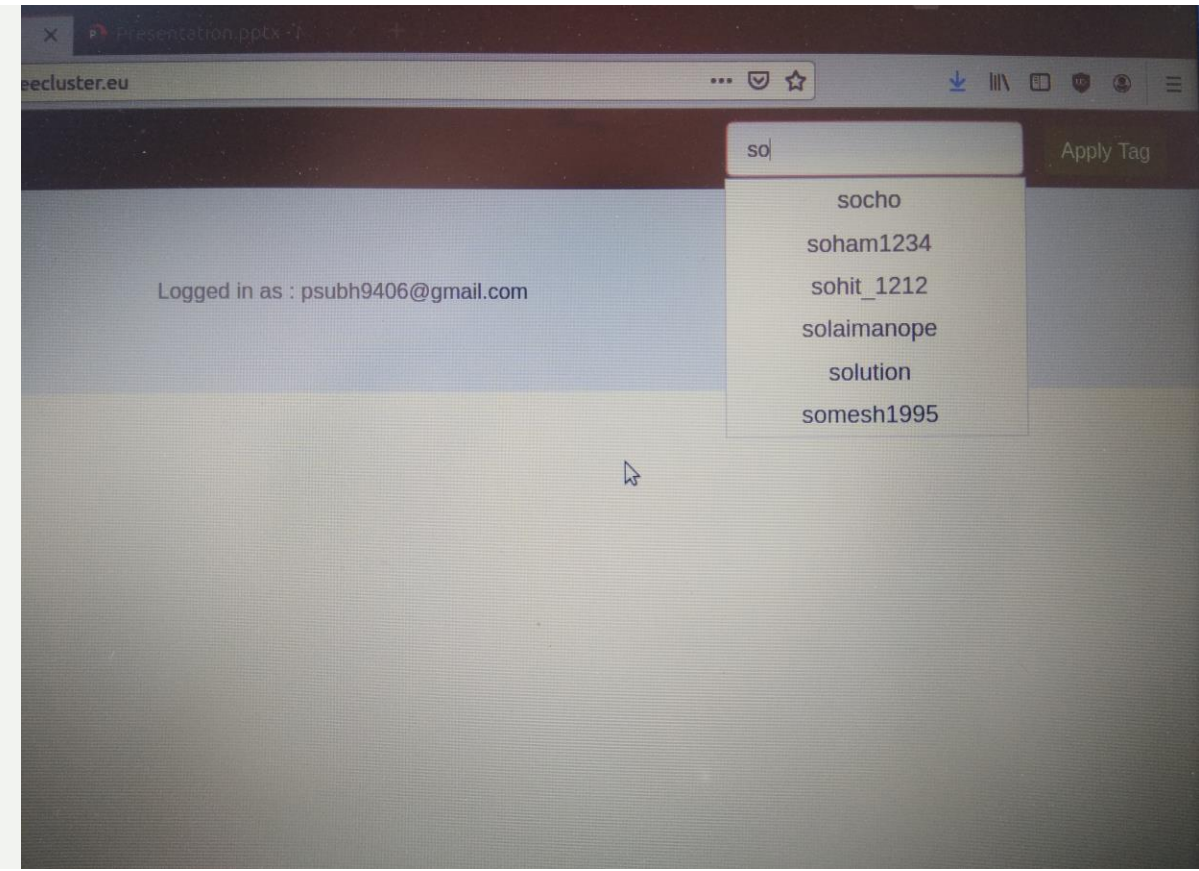
Home page

- In this page we can apply different tags for searching questions related to that tag. It will send all the related questions in which that tag is available.



Auto suggestions in tag

- In the tag searching it is a feature of auto suggestion which helps user to find the relevant tag to search problem.



Add and remove tag according to user

In this page we can segregate questions on the basis of applied tags and here we can apply multiple tag together and as a result we will get questions related to that tags.

Tags - Mozilla Firefox

WhatsApp x Tags x +

codechef-psubh.freelcluster.eu

CodeChef Tag Login Panel

greedy Apply Tag

Logged in as : psubh9406@gmail.com

sorting
Count : 139
Type : concept
Remove Tag

greedy
Count : 214
Type : concept
Remove Tag

CDX1604
Tags : easy, greedy, implementation, puneetguptaa, sorting
Author : puneetguptaa
Solves : 102
Attempted : 312
Accuracy : 32.69230769230769

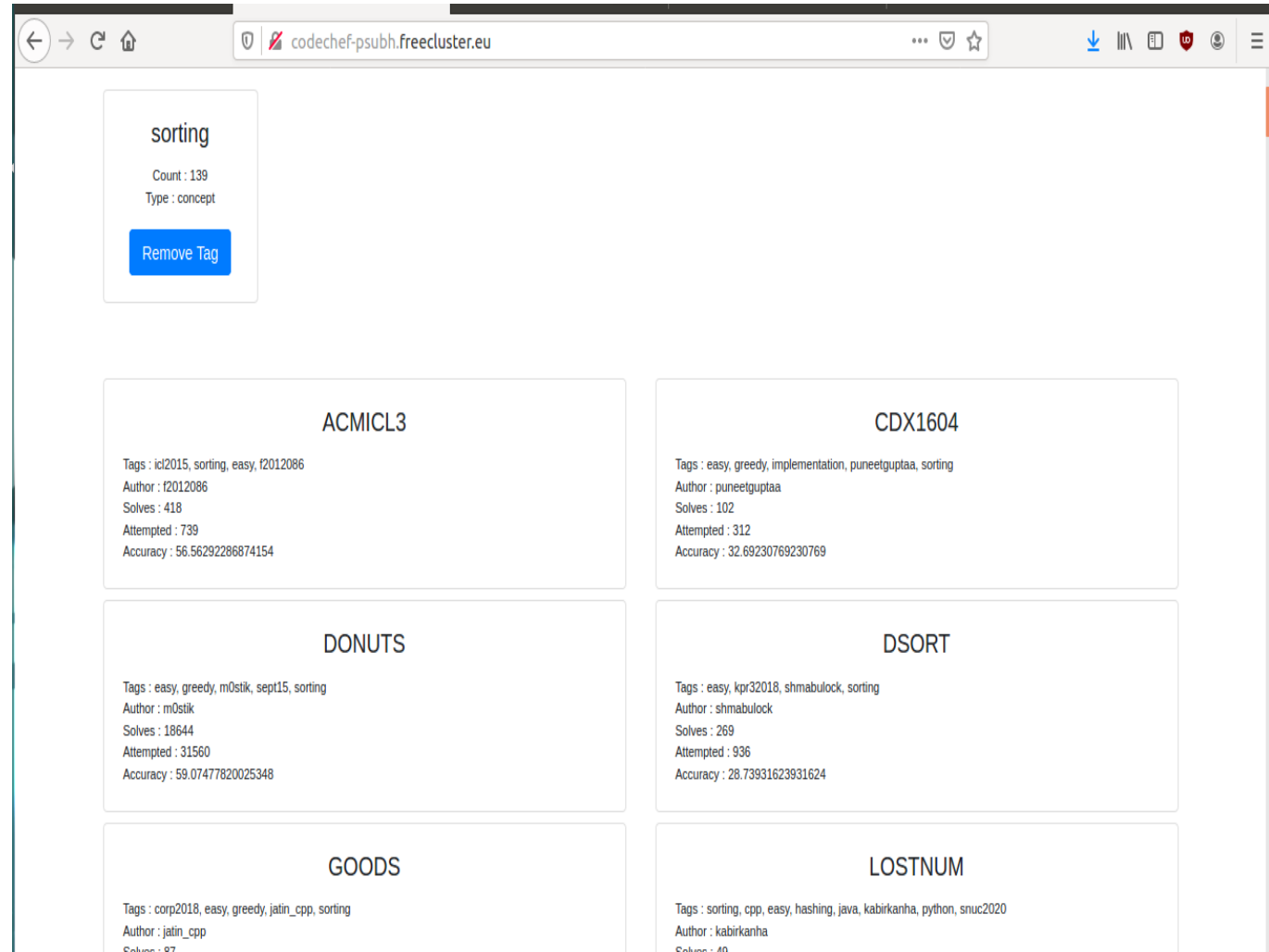
DONUTS
Tags : easy, greedy, m0stik, sept15, sorting
Author : m0stik
Solves : 18644
Attempted : 31560
Accuracy : 59.07477820025348

GOODS

KNPSK

List of questions on the basis of tag

On the basis of multiple tags we will get questions list including all tags.

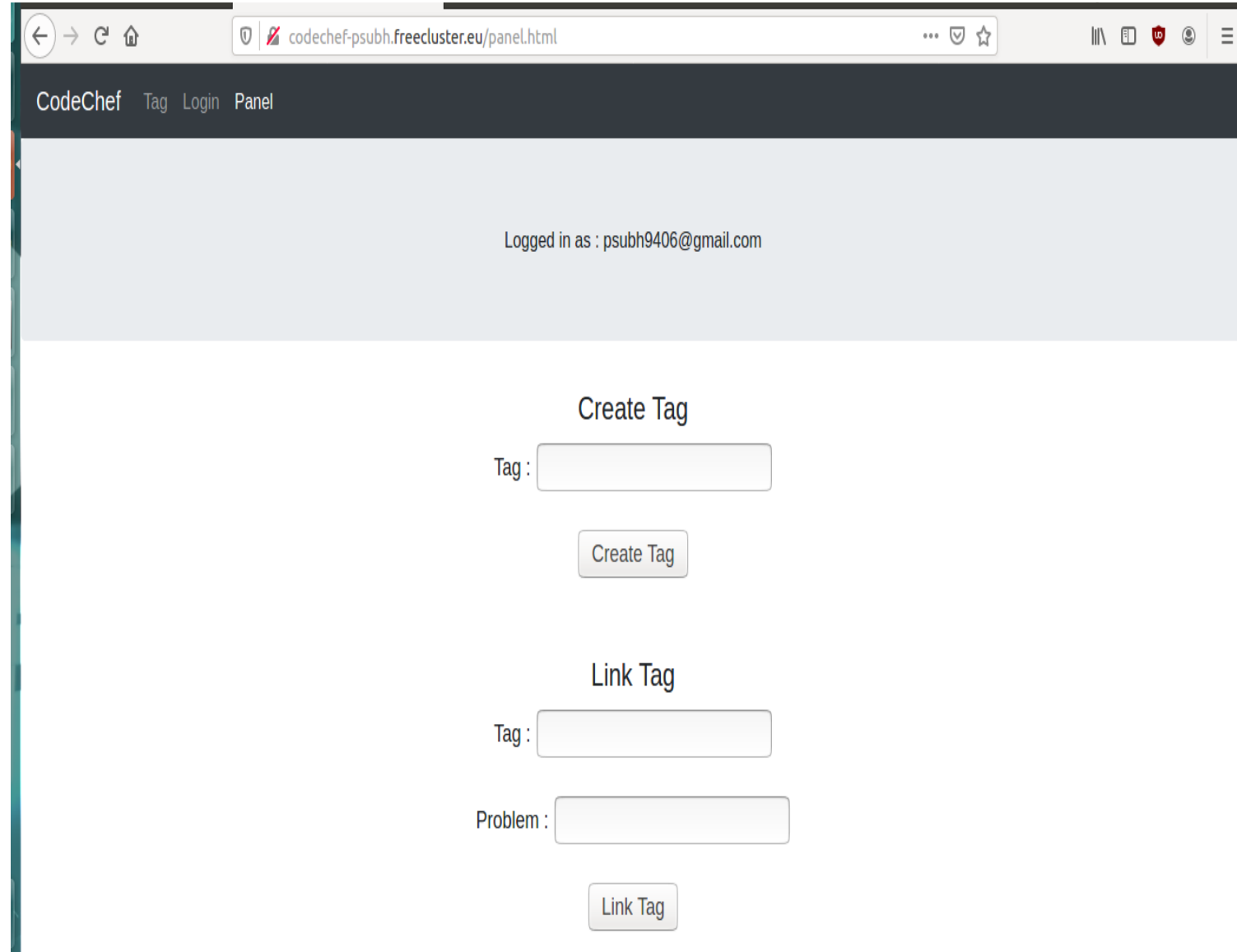


The screenshot displays a web browser window with the URL `codechef-psubh.freelcluster.eu`. The page shows a list of programming questions filtered by the 'sorting' tag. A sidebar on the left indicates the tag 'sorting' with a count of 139 and a type of 'concept', along with a 'Remove Tag' button. The main content area displays six question cards, each with its title, tags, author, solves, attempted, and accuracy statistics.

Question Title	Tags	Author	Solves	Attempted	Accuracy
ACMICL3	icl2015, sorting, easy, f2012086	f2012086	418	739	56.56292286874154
CDX1604	easy, greedy, implementation, puneetguptaa, sorting	puneetguptaa	102	312	32.69230769230769
DONUTS	easy, greedy, m0stik, sept15, sorting	m0stik	18644	31560	59.07477820025348
DSORT	easy, kpr32018, shmabulock, sorting	shmabulock	269	936	28.73931623931624
GOODS	corp2018, easy, greedy, jatin_cpp, sorting	jatin_cpp	97		
LOSTNUM	sorting, cpp, easy, hashing, java, kabirkanha, python, snuc2020	kabirkanha	40		

Create and link questions tag by user

In this page we can create tag and add tag to existing problem statement. This can be easily done with the create tag button and link tag button by user itself.



The screenshot shows a web browser window with the URL `codechef-psubh.freecluster.eu/panel.html`. The page has a dark header with the CodeChef logo and navigation links for Tag, Login, and Panel. Below the header, a light blue banner indicates the user is logged in as `psubh9406@gmail.com`. The main content area contains two sections: 'Create Tag' and 'Link Tag'. The 'Create Tag' section has a 'Tag :' label followed by a text input field and a 'Create Tag' button. The 'Link Tag' section has a 'Tag :' label with a text input field, a 'Problem :' label with a text input field, and a 'Link Tag' button.

CodeChef Tag Login Panel

Logged in as : psubh9406@gmail.com

Create Tag

Tag :

Create Tag

Link Tag

Tag :

Problem :

Link Tag

Api used

- /api/problems
- Type : GET
- Params : None
- Returns : JSON array of the name of all the problems in the database
- /api/tags
- Type : GET
- Params : None
- Returns : JSON array of the name of all the tags in the database. If a user is logged in, name of tags created by him are also returned.
- /api/tag/{tag_name}
- Type : GET
- Params : Name of tag in URL
- Returns : JSON Object of the details of the tag name provided as parameter

Api used

- /api/problem
 - Type : POST
 - Params : JSON Array of tag names
 - Returns : JSON Array of an Array of problems and their details satisfying the list of tags provided as parameter
-
- /api/login
 - Type : POST
 - Params : Username and Password entered by user
 - Returns : The login state of the user
-
- /api/register
 - Type : POST
 - Params : Username and Password entered by user
 - Returns : The registration state of the user

Api used

- /api/username
 - Type : GET
 - Params : None
 - Returns : The login state of the user along with username if he is logged in
-
- /api/usertags
 - Type : GET
 - Params : None
 - Returns : JSONArray of the name of tags created by the user if he is logged in
-
- /api/createtag
 - Type : POST
 - Params : user tag name
 - Returns : Result of the tag creation for the logged in user

Thank you

