



# BruteForce

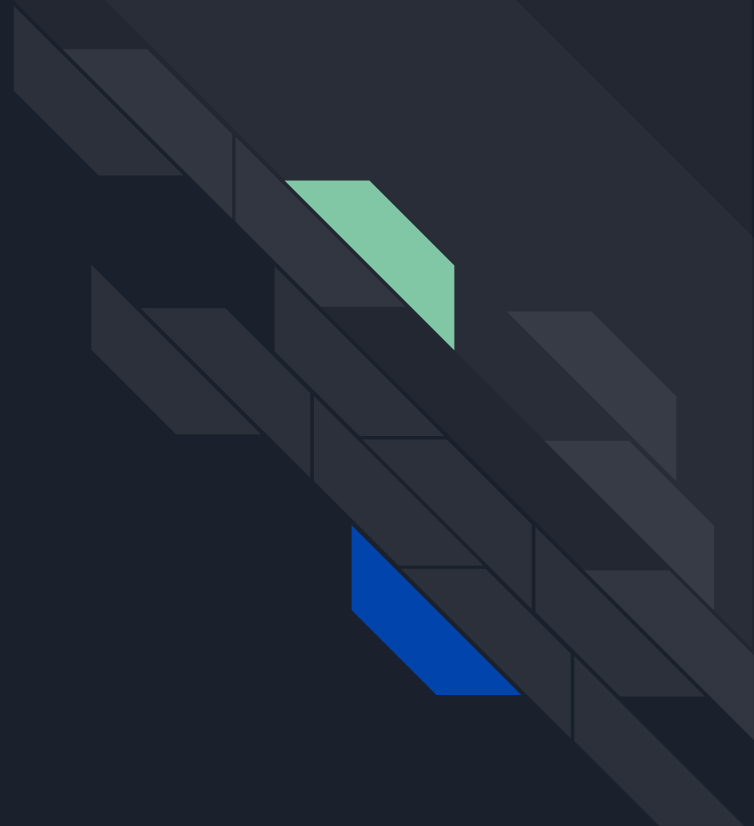
An online problem solving platform cum code editor

Project Description

Tech stack used

Features

Contribution





# Project Description

Bruteforce is a multipurpose coding platform designed for enthusiastic learners looking for a coding platform to learn and improve their coding skills while solving coding questions related to Data structures and Algorithms.

Coders can use it to check the working of their code and test its output or they can simply solve the coding problems from our own

# Tech Stack Used

Frontend - HTML, CSS, React JS

Backend - Node JS, SPOJ, Express API, Mongoddb, AWS-SDK





# Features

01

Users can use this platform to solve coding problems and check if their implementation is correct or not

02

Users can also use this platform as online code editor

06

Users can share their implementation and also able to see implementation of other users.



# Features

04

Users can track their engagement in the platform by tracking their heatmap of submissions.

05

Users can post their solution with explanation.

06

Like System for feedback and engagement

# Submission of solution for a coding problem

bruteForce Problems Contest Online IDE Search User



Logout

DESCRIPTION

SUBMISSIONS

Time Submitted	Status	Language
14/4/2022, 10:22:39 pm	wrong answer	c_cpp
14/4/2022, 10:23:21 pm	wrong answer	python
14/4/2022, 10:26:56 pm	compilation error	python
14/4/2022, 10:27:21 pm	accepted	c_cpp

Language  
c\_cpp

Theme  
twilight

FontSize  
18

```
1 #include<bits/stdc++.h>
2 #include <iostream>
3 using namespace std;
4
5 int main() {
6     int t;
7     cin>>t;
8     while(t--){
9         int n,k;
10        cin>>n>>k;
11        int a[n];
12        for(int i=1;i<=n;i++){
13            cin>>a[i];
14        }
15        int d=k;
16        for(int i=1;i<=n;i++){
17
18            if(a[i]<=d){
19                cout<<"1";
20                d=d-a[i];
21            }
22            else{
23                cout<<"0";
24            }
25        }
26
27        cout<<"\n";
28    }
```

SUBMIT CODE <>

# Online IDE for compiling your Code

The screenshot shows a web browser window with the URL `https://bruteforce-web.netlify.app/code-editor`. The browser's address bar includes navigation icons, a lock icon, and a zoom level of 60%. The page header features the text "bruteForce" and navigation links: "Problems", "Contest", "Online IDE", and "Search User". On the right side of the header, there is a user profile icon and a "Logout" button.

The main content area is a code editor with a dark background. At the top of the editor, there are three dropdown menus: "Language" set to "python", "Theme" set to "monokai", and "FontSize" set to "28". The code being edited is as follows:

```
1 t=int(input())
2 while(t!=0):
3     a,b=input().split()
4     e=int(b)
5     d=input().split()
6     for i in range(len(d)):
7         if(int(d[i])<=e):
8             e=e-int(d[i])
9
10         print(1,end=" ")
11     else:
12         print(0,end=" ")
13     print("\n")
14     t=t-1
```

Below the code editor is a green "RUN <>" button. Underneath this button are two text input fields. The "Input" field contains the following text:

```
2
5 10
3 5 3 2 1
4 6
```

The "Output" field displays the following text:

```
11010
0010
```



# View of user profile

bruteForce Problems Contest Online IDE Search User

Login In

Sign Up



**Ritu Raja**

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Indian Institute of Information  
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Bihar, India

## Socials



riturajshandilya



javedchaurasiya



anonymouslaunda

## Submission Stats

total

28 Problems Submitted

c++

26 Problems Submitted

java

0 Problems Submitted

python

2 Problems Submitted

## Solved Problems



## Community Stats



69 Posts

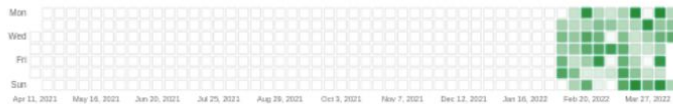


269 Likes



3.2k Views

## Submission History



RECENT AC

POSTS

SOMETHING

**ATM Machine** 29 days ago

**Check Rectangle** 25 days ago

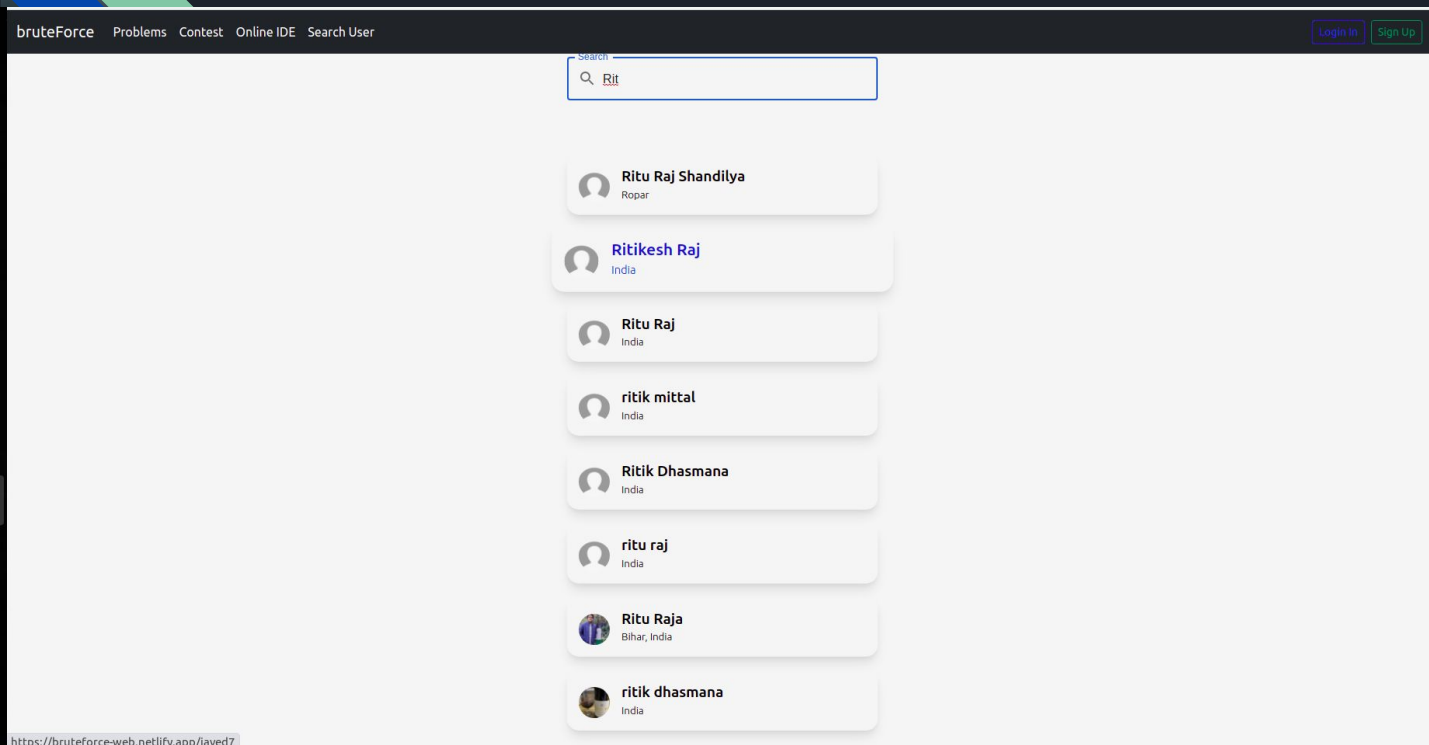
**Delete Median** 25 days ago

**Delete Median** 25 days ago

**ATM Machine** 25 days ago

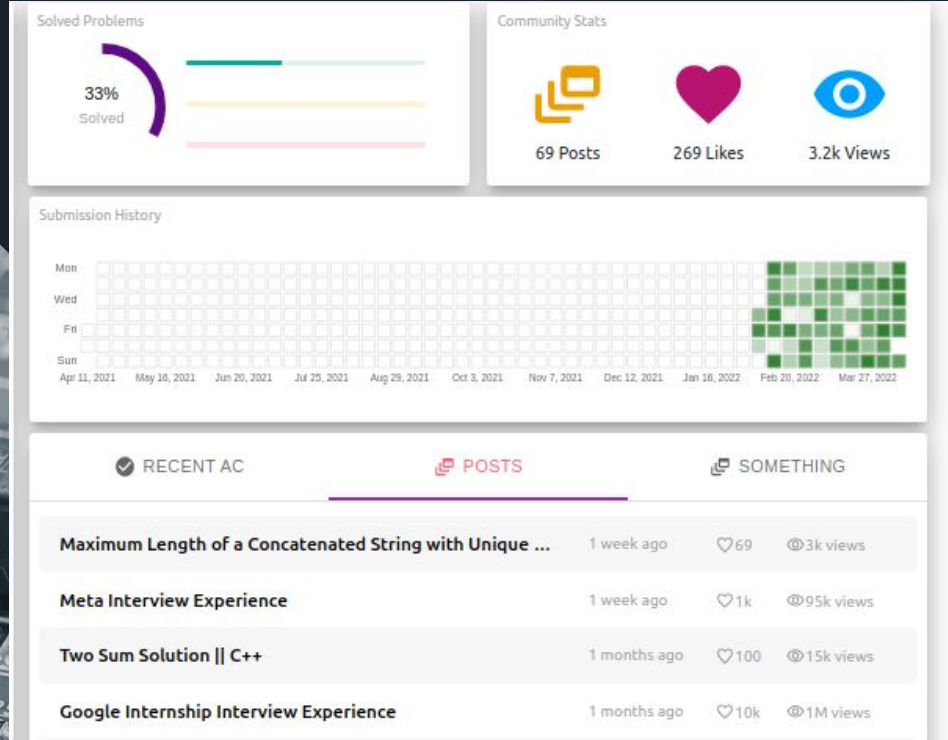
VIEW MORE +

# Features



Users can look into profile of other users of the platform by searching their name on search bar

# Community Posts





# Contribution

1. Ritik Dhasmana (1901160) - Home Page, All problems page, online ide, Navigation Bar, view submission page, Add Problem Page, SPOJ Compiler API, View Problem Page.
2. Ritu Raj Shandilya(1901162) - compile API, get problem API, get problem set API, get subdetail API, homepage API, image upload API, like API, update profile API, submit code API, verify token API, Profile Page.
3. Shobhit Belwal (1901191) - Login API, Signup API, Add Problem API, check username API, get submission detail API, profile API, user schema for database, Search User Page..