

HackerRank Challenges

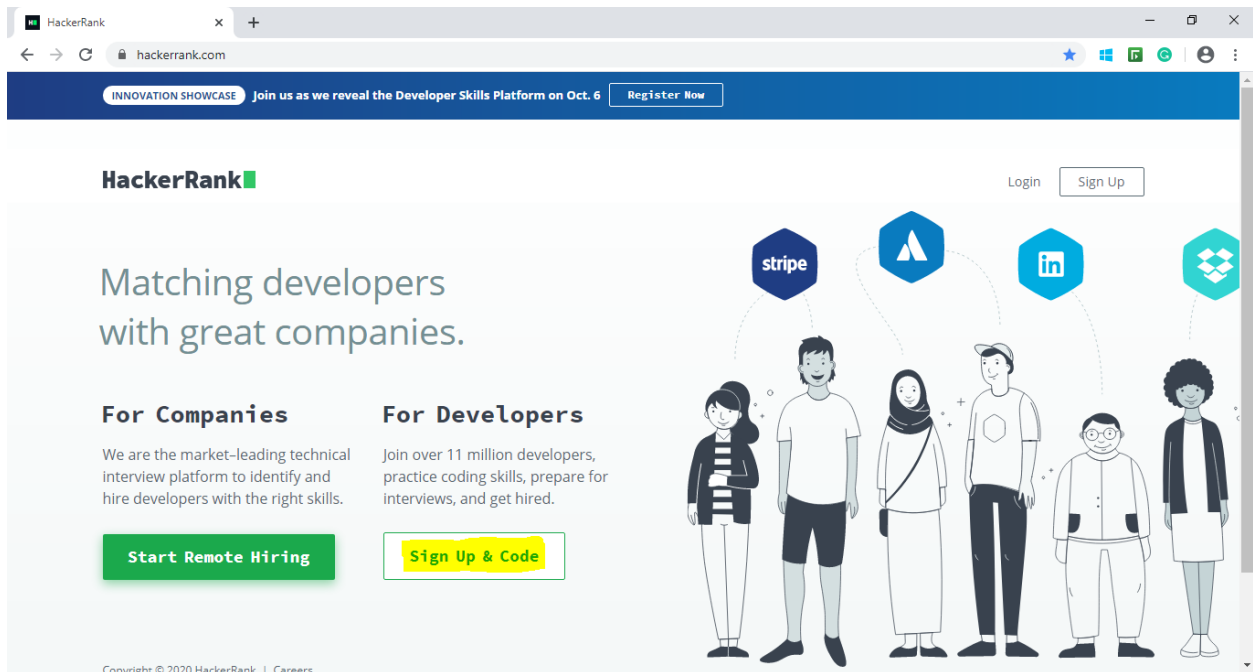
This document explains how to sign up into HackerRank and practice challenges

Follow the given steps to sign up and understand the environment and practice the tests,

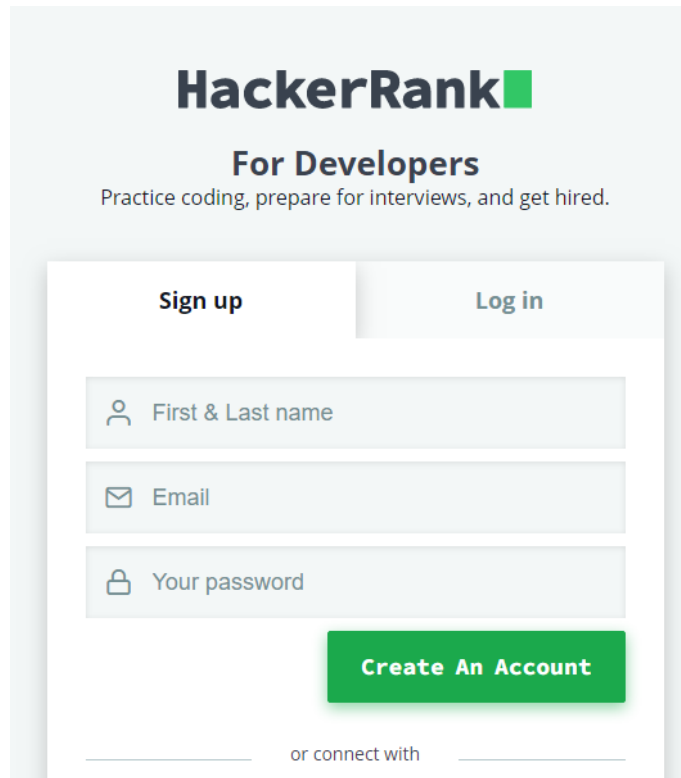
Creating an Account

STEP 1: Login to <https://www.hackerrank.com/>

STEP 2: Access “For Developers” section and click on ‘Sign Up & Code’



STEP 3: Provide your details and Click on 'Create An Account'. Use your personal details for Practice assessment. **DO NOT USE Cognizant ID and Password**
[Note: Step 3 -7 are one time activity.]



The image shows the HackerRank sign-up interface. At the top, the 'HackerRank' logo is displayed in black, followed by the tagline 'For Developers' and the subtitle 'Practice coding, prepare for interviews, and get hired.' Below this, there are two tabs: 'Sign up' (active) and 'Log in'. The sign-up form consists of three input fields: 'First & Last name' (with a person icon), 'Email' (with an envelope icon), and 'Your password' (with a lock icon). A prominent green button labeled 'Create An Account' is positioned below the password field. At the bottom, there is a link that says 'or connect with' followed by a blank space for social media connections.

Setting up the profile

Step 4: Choose you preferred Skills(Angular/React/Node)

Welcome to HackerRank!



Choose your preferred programming language:

C	C++	C++14	C#	Go	Java 7	Java 8
JavaScript	Julia	Perl	PHP	PyPy 2	PyPy 3	Python 2
Python 3	Ruby	Scala	SQL	Swift	VB.NET	View More

You can change your preferred language later. Languages are listed in alphabetical order.

Step 5: Take your First Challenge, understand the platform and coding question. Complete the coding challenge and click on '**Run Code**'.

HackerRank

Introduction

Your First Challenge

This is an introductory challenge to help you get familiar with the HackerRank coding environment.

Complete the function `solveMeFirst` to compute the sum of two integers.

Function prototype:

```
int solveMeFirst(int a, int b);
```

where,

- `a` is the first integer input.
- `b` is the second integer input

Return values

- sum of the above two integers

Sample Input

```
a = 2
b = 3
```

Sample Output

```
5
```

JavaScript (Node.js)

```

1 process.stdin.resume();
2 process.stdin.setEncoding('ascii');
3
4 var input_stdin = "";
5 var input_stdin_array = "";
6 var input_currentline = 0;
7
8 process.stdin.on('data', function (data) {
9     input_stdin += data;
10 });
11
12 process.stdin.on('end', function () {
13     input_stdin_array = input_stdin.split("\n");
14     main();
15 });
16
17 function readline() {
18     return input_stdin_array[input_currentline++];
19 }
20
21 function solveMeFirst(a, b) {
22     // Hint: Type return a+b below
23     return a+b;
24 }

```

Step 6: On completion of first coding challenge, below popup would show. Click on 'Continue'

hackerrank.com/onboarding/challenge

Return values

- sum of the above two integers

Sample Input

```
a = 2
b = 3
```

Sample Output

```
5
```

Explanation

The sum of the two integers `a` and `b` is computed as `2 + 3 = 5`

Problem Solving

Congrats!

You just solved your first challenge.

[Continue](#)


Step 7: Provide your details in the onboarding info page and click on 'Proceed to dashboard'


← → ↻ hackerrank.com/onboarding/info ☆

Tell us more about yourself

This will help us recommend Jobs and challenges for you

STEP 1/2
Are you a student or a professional?


Student


Professional

STEP 2/2
How many years of experience do you have?

< 1	1	2	3	4	5	6
7	8	9	10+			

Proceed to dashboard

Take up the challenges

You will be navigated to HackerRank Dashboard as shown in the following screenshot. Click on the test that you would want to practice.

← → ↻ hackerrank.com/dashboard

HackerRank PRACTICE CERTIFICATION NEW COMPETE JOBS LEADERBOARD 🔍 Search 🗨️ 🔔 1 👤

Practice

Dashboard

Get Your Skills Certified

Problem Solving (Basic) ⓘ
[Get Certified](#)

Rest API (Intermediate) ⓘ
[Get Certified](#)

Angular (Basic)
[Get Certified](#)

JavaScript (Basic) ⓘ
[Get Certified](#)

Python (Basic) ⓘ
[Get Certified](#)

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Take the HackerRank Skills Certification Test to make your profile stand out
[View All Skills](#)

Step 8: You will be provided with coding challenges, click on any question to practice the test.

You will find the detailed question with sample input, output and explanations of the logic, Also there will be IDE where you would need to complete the code.

hackerrank.com/challenges/array-left-rotation/problem

HackerRank

PRACTICE

CERTIFICATION

NEW

COMPETE

JOBS

LEADERBOARD

Search

Practice > Data Structures > Arrays > Left Rotation

29 more points to get you

Rank: 2324753 | Points: 1/3

Problem

Submissions

Leaderboard

Discussions

Editorial

A left rotation operation on an array of size n shifts each of the array's elements 1 unit to the left. Given an integer, d , rotate the array that many steps left and return the result.

Example

$d = 2$

$arr = [1, 2, 3, 4, 5]$

After 2 rotations, $arr' = [3, 4, 5, 1, 2]$.

Function Description

Complete the rotateLeft function in the editor below.

rotateLeft has the following parameters:

- int d: the amount to rotate by
- int arr[n]: the array to rotate

Returns

- int[n]: the rotated array

Author

Difficulty

Max Score

Submitted By

NEED HELP?

View discussion

View editorial

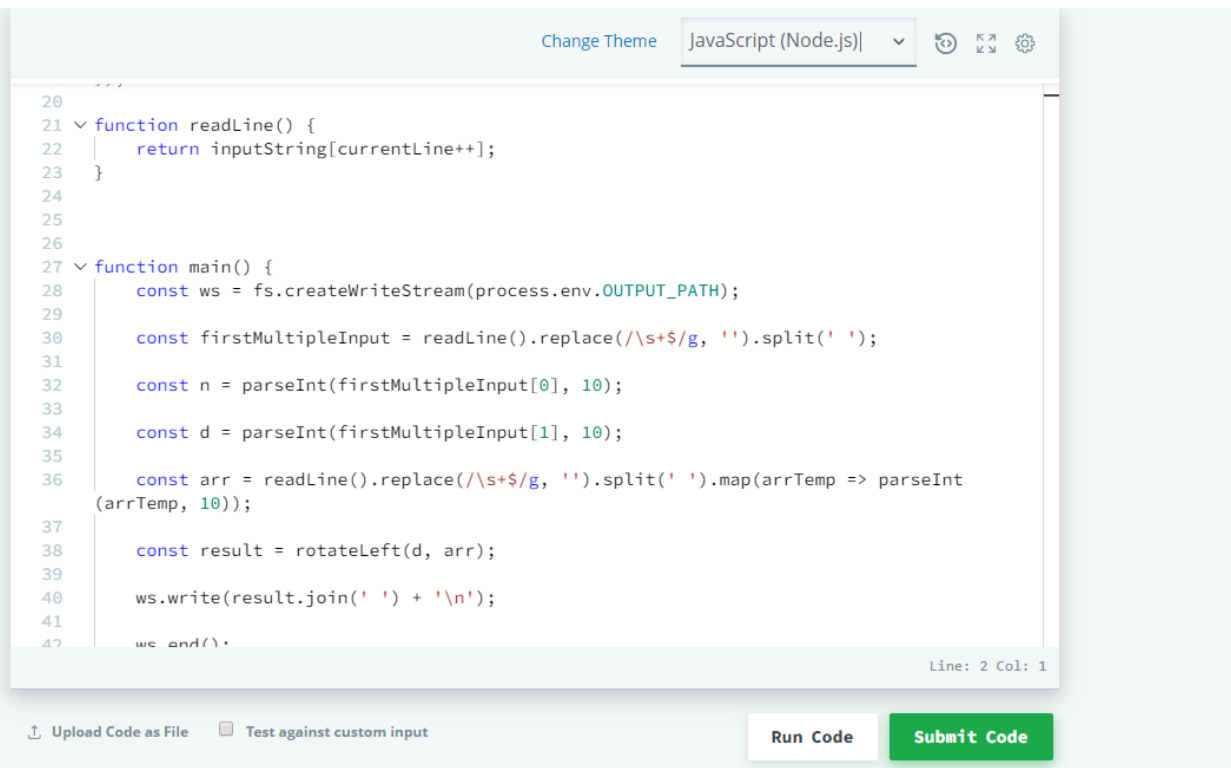
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RATE THIS CHALLE

☆☆☆☆

MORE DETAILS

Download prc



```
20
21 ∨ function readLine() {
22   return inputString[currentLine++];
23 }
24
25
26
27 ∨ function main() {
28   const ws = fs.createWriteStream(process.env.OUTPUT_PATH);
29
30   const firstMultipleInput = readLine().replace(/\s+$/g, '').split(' ');
31
32   const n = parseInt(firstMultipleInput[0], 10);
33
34   const d = parseInt(firstMultipleInput[1], 10);
35
36   const arr = readLine().replace(/\s+$/g, '').split(' ').map(arrTemp => parseInt
(arrTemp, 10));
37
38   const result = rotateLeft(d, arr);
39
40   ws.write(result.join(' ') + '\n');
41
42   ws.end();

```

Line: 2 Col: 1

[Upload Code as File](#) ☐ [Test against custom input](#) [Run Code](#) [Submit Code](#)

In the *Change Theme* dropdown choose the appropriate programming language

Your test setter may include one or more test cases to validate your solution to a coding problem. These test cases are automatically executed when you run your code, and they validate different simple and corner scenarios using your solution to return the output. The execution status of each test case is displayed separately.

Based on error/failed test cases continue solving the questions until all the test cases are passed.



Download sample test cases

The input/output files have Unix line endings. Do not use Notepad to edit

Status: Compiled successfully. All available test cases passed!

Test case 0

Test case 1

Test case 2

Compiler Message

Success

Input (stdin)

1
1

Your Output (stdout)

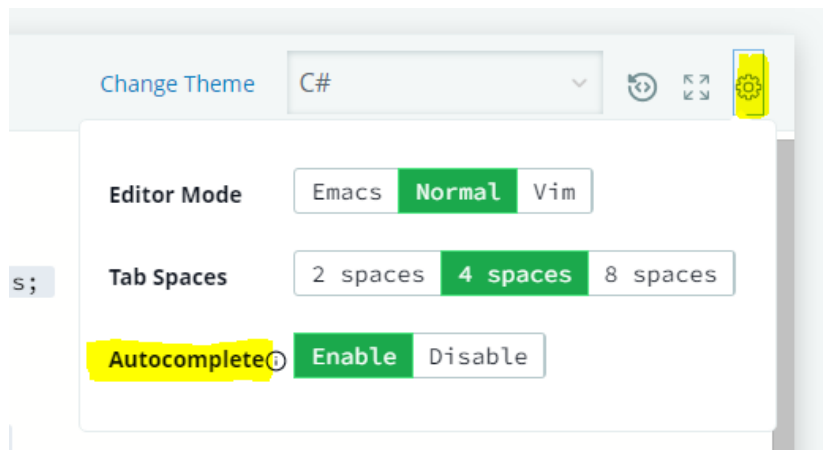
2

Expected Output

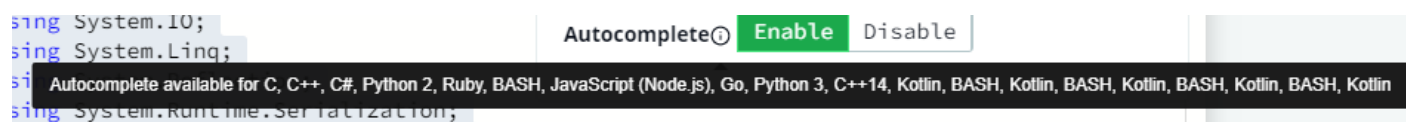
2

Note:

1. If the Autocomplete is not enabled, go to Editor Settings and Enable the Autocomplete option.



2. For few practice questions in hackerRank, **Autocomplete** option is enabled only for specific programming languages like shown in below screenshot.



3. The score for your coding solution is calculated and assigned based on the number of test cases that execute your logic successfully to produce the exact expected output. Scoring for successfully running test cases are not same, it is based on the difficulty level of the test case.
4. If associate face any network issues, all the work that associate submitted before losing the internet connection is saved on hackerrank servers. After the internet connectivity is resumed, you can log on to the test again (if the test completion time is not over) and resume answering the questions. However, it is best to check your computer and internet connection before taking the Test.

Hackerrank Challenges for your practice

You can search for the challenges with the name using the search option in the Hackerrank site. **Please note that you cannot retake the test (as second attempt) immediately.** There is a cooling period between two attempts.

So, prepare thoroughly and attempt the challenges given below.

Always Try Sample Test (in each challenge) to explore the platform and learn about the interface.

Name of the Hackerrank challenge	Navigation	Duration
JavaScript - Basic	https://www.hackerrank.com/skills-verification/javascript_basic	90 mins
JavaScript - Intermediate	https://www.hackerrank.com/skills-verification/javascript_intermediate	90 mins
React - Basic	https://www.hackerrank.com/skills-verification/react_basic	90 mins
Angular - Basic	https://www.hackerrank.com/skills-verification/angular_basic	60 mins
Angular - Intermediate	https://www.hackerrank.com/skills-verification/angular_intermediate	90 mins
Nodejs - Basic	https://www.hackerrank.com/skills-verification/nodejs_basic	60 mins
Nodejs - Intermediate	https://www.hackerrank.com/skills-verification/nodejs_intermediate	60 mins