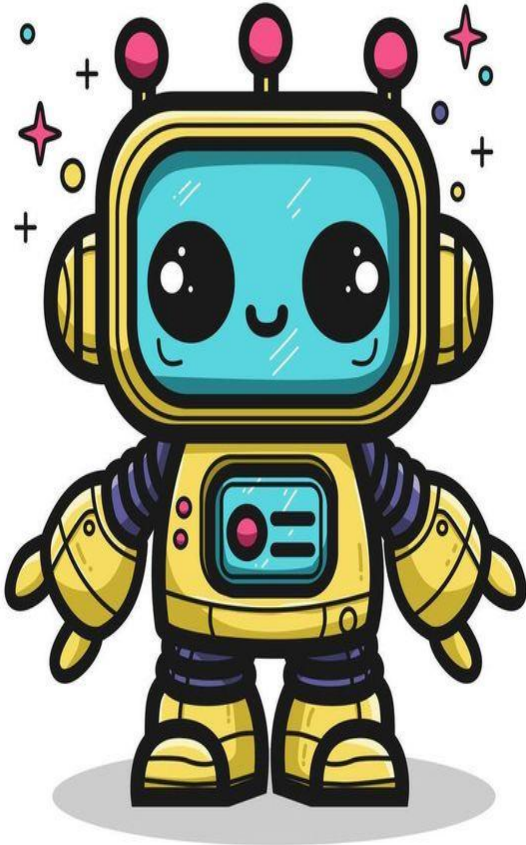


CODEMATE



Team name:-HerHackers

Topic:-

*Codemate(Platform
for interactive
coding)*

By:-

Sriya Bose

Priya Darshani Patra

Omshree Dash

Github:-

[https://github.com/
SRIYA-BOSE](https://github.com/SRIYA-BOSE)

1. Introduction Page

Purpose: Welcomes users and introduces CodeMate's features.

Key Functions:

- Overview of the platform (coding discussions, mentorship, gamification).
- **Call to Action (CTA):** Buttons for **Sign Up** and **Explore Discussions**.
- Attractive **visuals & testimonials** from developers.

Where AI Meets Human Excellence in Coding

Join our community of passionate developers. Get personalized AI assistance, expert mentorship, and collaborative learning experiences.

Get Started Free

Watch Demo

Why Choose CodeMate?



AI-Powered Assistance

Get instant help with coding problems through our advanced AI system



1-on-1 Mentorship

Connect with industry experts for personalized guidance



Gamified Learning

Learn while competing and earning rewards



Collaborative Coding

Work together with peers on real projects

Growing Faster Every Day

100,000+

Active Users

5,000+

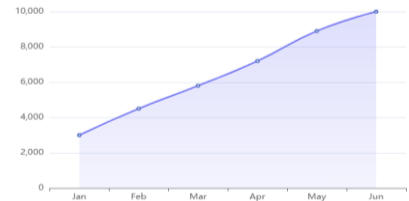
Expert Mentors

1M+

Code Solutions

98%

Satisfaction Rate



What Our Community Says



Emily Richardson
Senior Software Engineer at Google

CodeMate transformed my coding journey. The AI assistance and mentorship are game-changers!



Michael Chen
Tech Lead at Microsoft

The collaborative features and real-time mentoring have accelerated my team's growth exponentially.



Sarah Anderson
Full Stack Developer

From beginner to professional, CodeMate has been my trusted companion throughout my coding career.



Start Your Coding Journey Today

Join thousands of developers who are already experiencing the future of coding education.

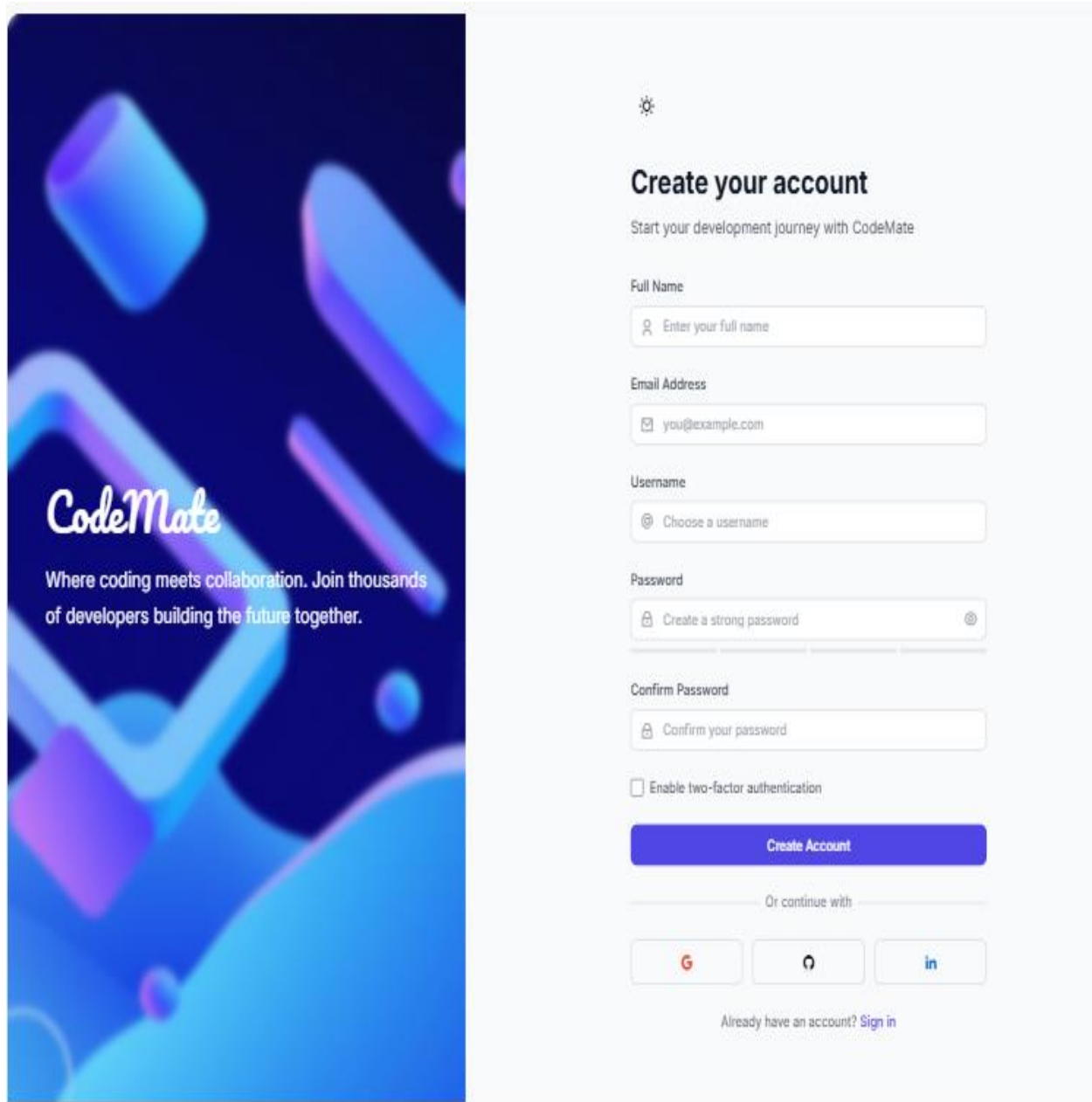
Get Started Free

2. Sign Up Page


Purpose: Allows users to create an account.

Key Functions:

- **Form Fields:** Name, email, password, and role selection (student, mentor, developer).
- **Social Login:** Sign up using Google, GitHub, or LinkedIn.
- **Security Features:** CAPTCHA & password validation.



The image shows a sign-up page for CodeMate. On the left is a vertical banner with a dark blue background and glowing blue and purple geometric shapes. It features the CodeMate logo in a white script font and the text "Where coding meets collaboration. Join thousands of developers building the future together." On the right is the main sign-up form on a light gray background. At the top of the form is a gear icon. The title "Create your account" is in bold black, followed by the subtitle "Start your development journey with CodeMate". The form contains several input fields: "Full Name" with a person icon, "Email Address" with an envelope icon, "Username" with a person icon, "Password" with a lock icon and a strength indicator, and "Confirm Password" with a lock icon. There is a checkbox for "Enable two-factor authentication". A large blue button labeled "Create Account" is below the password fields. Below this is a separator line with the text "Or continue with". Underneath are three buttons for social login: Google (G), GitHub (octocat), and LinkedIn (in). At the bottom, there is a link that says "Already have an account? Sign in".



Create your account

Start your development journey with CodeMate

Full Name

Email Address

Username




Password

Confirm Password

☐ Enable two-factor authentication

Create Account

Or continue with



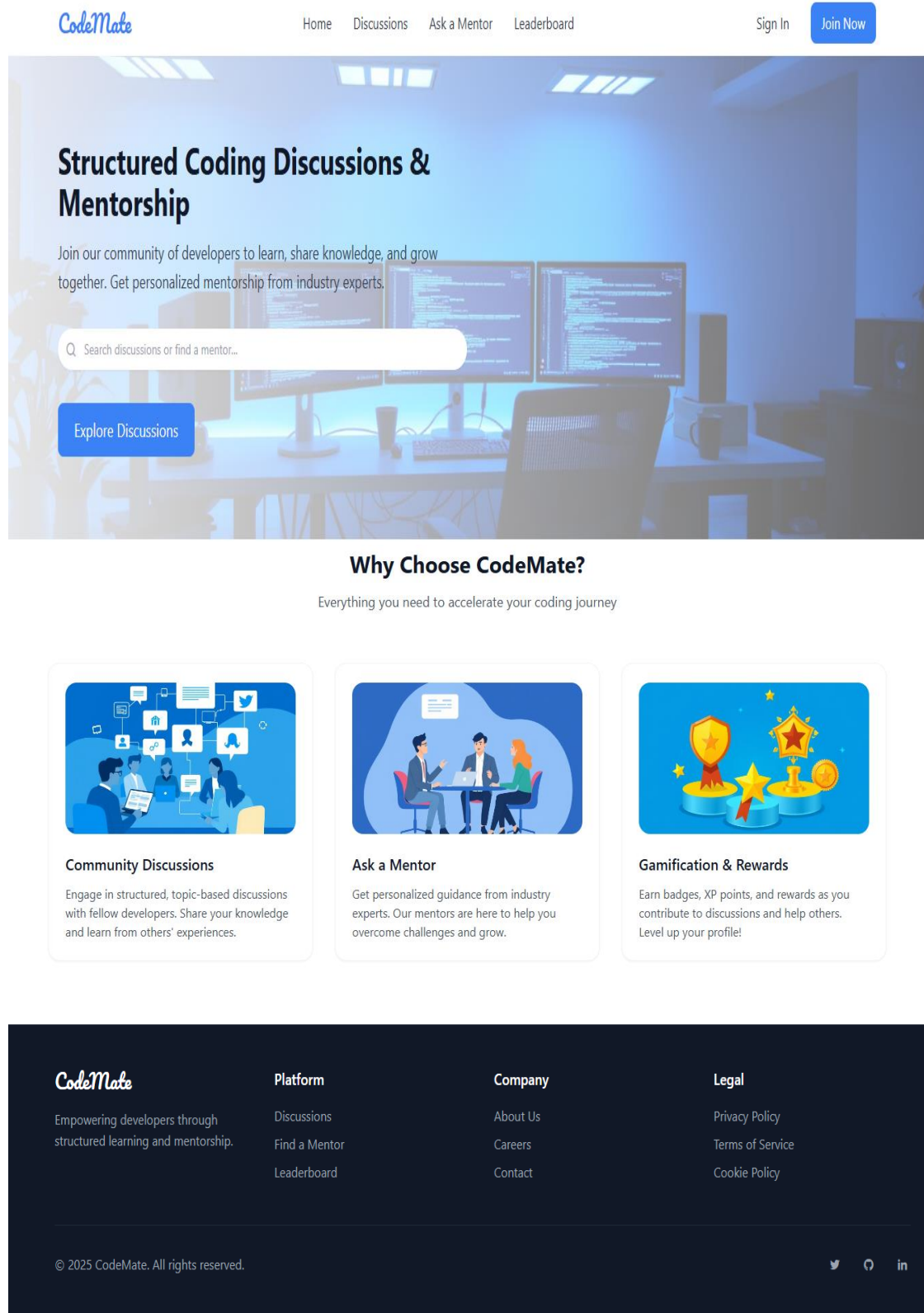
Already have an account? [Sign in](#)

3. Home Screen

Purpose: The main landing page with platform highlights.

Key Functions:

- **Search Bar:** Find discussions, mentors, or topics.
- **Navigation:** Links to all sections (Discussions, Mentors, Leaderboard, Profile, Dashboard).
- **Featured Sections:** Trending discussions, top mentors, and latest coding challenges.



4. Discussion Page


Purpose: Forum for developers to ask and answer coding questions.



Key Functions:


- **Post Questions:** Users can start discussions with detailed queries.
- **Upvote & Answer:** Community-driven replies with an upvote system.
- **Categories & Filters:** Sort discussions by topic, difficulty, or latest posts.

CodeMate

HomeDiscussionsAsk a MentorLeaderboard

Search...


 Alexander Wright


 Alexander Wright
Senior Developer


Experience Points


Level 32 - 75%

Achievements


 Expert



 Mentor

 Helper


 Active



Popular Discussions

 Best Practices for React Hooks Implementation

Emily Thompson  234  56

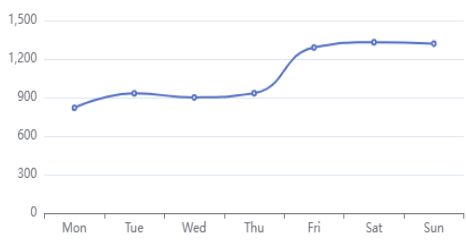
ReactHooksJavaScript

 Understanding TypeScript Generics in Depth

Michael Chen  189  42


TypeScriptProgrammingWeb Development


Activity Overview



Day	Activity
Mon	800
Tue	900
Wed	900
Thu	950
Fri	1250
Sat	1300
Sun	1300

Online Mentors


 Sophie Anderson
React Expert

 David Kumar
TypeScript Guru

Daily Challenges


Optimize Array Operations


Complete 3 array optimization challenges

2/3 completed 

Debug React Components

Find and fix 5 React component bugs

0/5 completed 



5. Ask a Mentor Page

Purpose: Connects users with expert mentors for guidance.

Key Functions:

- **Browse Mentors:** View mentor profiles with expertise tags.
- **Schedule Sessions:** Book a mentorship call or chat.
- **Mentorship Requests:** Submit coding queries for mentor feedback.

CodeMateHome

DiscussionsAsk a MentorLeaderboardProfile

Q Search mentors, topics or questions...

Home > Ask a Mentor > Get Expert Guidance

Ask a Mentor – Get Expert Guidance

Connect with experienced professionals and get personalized advice for your career journey

Start Your Question

Browse by Category

Business & Startups

45 mentors

Tech & Programming

78 mentors

Design & Creativity

34 mentors

Academics & Research

52 mentors

Career & Job Guidance

63 mentors

Ask Your Question

Select Category

Choose a category

Your Question

Describe your question in detail...

Drag and drop files here or browse

Max file size: 10MB

Submit Question

Trending Questions

How to scale a startup team effectively?

12 answers 234 views

Best practices for system design interviews

8 answers 189 views

Tips for creating a compelling UX portfolio

15 answers 312 views

6. Leaderboard Page


Purpose: Displays top contributors and active users.

Key Functions:

- **Ranking System:** Based on XP points, badges, and contributions.
- **Filters:** Weekly, monthly, and all-time leaderboards.
- **User Profile Links:** Click on a name to view full profile.

CodeMate

HomeDiscussionsAsk a MentorLeaderboard


David Anderson

Top Coders in CodeMate

Earn points by contributing to discussions, helping peers, and solving challenges.
Join our community of exceptional developers!

Search by username...

Weekly




#1

Alexander Mitchell

★ 15780

👤 42

🔥 89




#2

Sarah Chen

★ 14920

👤 38

🔥 76



#3

Rahul Patel

★ 14350

👤 35

🔥 64

How to Earn Points

✓ Answer a Question
+10 Points

✓ Get Upvoted
+5 Points

✓ Mentor Help Given
+20 Points

✓ Daily Login
+2 Points

✓ Complete Challenge
+15 Points




Live Updates

🔔 James Wilson moved up to Rank #8

CodeMate

Empowering developers to learn, grow, and succeed together.

Connect With Us



Join Discussions Now

© 2025 CodeMate. All Rights Reserved.

7. Profile Page

Purpose: User's personal space with contributions and achievements.
Key Functions:

- **User Info:** Name, bio, skills, and coding interests.
- **Activity Log:** Past discussions, answered questions, and mentorship history.
- **Badges & Achievements:** Earned through platform participation.

CodeMate

Q Search...



Alexander Mitchell

Online

Senior Software Engineer at TechForward

★ 4.9 Rating P 1,234 Contributions 👤 Senior Mentor

Connect

Message

About

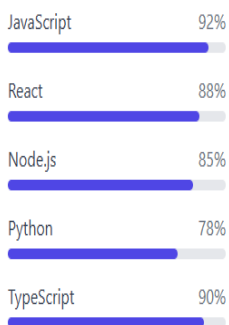
Passionate software engineer with 8+ years of experience specializing in full-stack development. Committed to mentoring and building scalable solutions that make a difference.

📍 San Francisco, CA

🏢 TechForward Inc.

🎓 Stanford University

Skills



Activity

Projects

Code Snippets



React Performance Optimizer

2 hours ago

Implemented memory optimization techniques reducing bundle size by 35%



TypeScript Compiler

5 hours ago

Reviewed and approved 3 pull requests for type inference improvements



Code Maestro

1 day ago

Achieved 1000+ successful code reviews milestone

Achievements



Code Maestro



Top Mentor



Innovation



Community

Mentor Insights

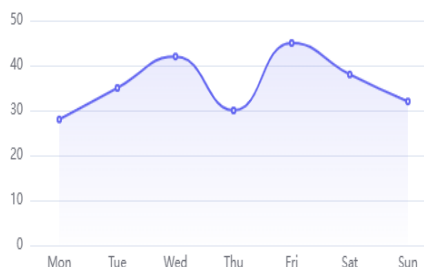
Strong Progress

Excellent improvement in code quality and architectural decisions

Learning Focus

Recommended: Advanced System Design patterns

Contribution Activity



8. Code Sharing Platform Page

Purpose: A collaborative space for sharing and reviewing code.

Key Functions:

- **Upload Code Snippets:** Supports multiple programming languages.
- **Live Collaboration:** Real-time code editing with others.
- **Version Control:** Save, edit, and track changes in shared code.

CodeMate

Search code snippets...

Q

Explore

Community

2

David Mitchell

☾

Share Your Code, Get Feedback, Collaborate!

JavaScript

AI Format

Paste your code here...

Share Code

Upload File

AI Assistant

Debug Code

Suggest Improvements

Explain Code

Discussion

Emily Thompson

Mentor

1 hour ago

12

Great optimization approach! Have you considered using memoization here?


Michael Chen

2 hours ago

8

The recursive solution is elegant, but might cause stack overflow with large inputs.

Trending Code Snippets




React Custom Hook for API Calls

Alexander Wright

TypeScript

234



Efficient Array Sorting Algorithm

Sophie Anderson

Python

189

9. Dashboard Page

Purpose: A personalized control panel for users.

Key Functions:

- **Activity Overview:** Track discussions, mentorships, and XP points.
- **Notifications:** New responses, mentorship requests, and badges.
- **Shortcuts:** Quick access to discussions, leaderboard, and profile settings

The screenshot shows the CodeMate dashboard for user Alexander Mitchell, a Full Stack Developer. The dashboard is personalized with a welcome message and three action buttons: 'Start Discussion', 'Ask a Mentor', and 'View Leaderboard'. The left sidebar displays user statistics: Points (2850), Rank (#4), Discussions (28), and Answers (156). Below these are links for 'Saved Discussions', 'Code Snippets', and 'My Mentors'. The main content area features a 'Discussions' section with three trending topics: 'Understanding React Hooks and Custom Hook Patterns' by Emily Watson, 'Optimizing Database Queries in Microservices Architecture' by James Chen, and 'Implementing Binary Search Trees: A Complete Guide' by Sarah Miller. The bottom section, 'Recent Mentor Replies', shows two replies: one from Dr. Michael Anderson about authentication in React, and another from Prof. Lisa Zhang about optimizing performance in large-scale React applications. The right sidebar includes a 'Leaderboard' with the top three users: David Thompson (4562 pts), Rebecca Martinez (4128 pts), and Kevin Park (3895 pts), and a 'Your Progress' section showing a 75% weekly goal and 82% monthly ranking.

CodeMate Home Discussions Ask a Mentor Leaderboard

Search...

Welcome back, Alexander Mitchell!

[Start Discussion](#) [Ask a Mentor](#) [View Leaderboard](#)

Discussions [Trending](#) [Recent](#) [Your Topics](#)

Understanding React Hooks and Custom Hook Patterns

Frontend

Emily Watson 24 156 2 hours ago

Optimizing Database Queries in Microservices Architecture

Backend

James Chen 18 89 4 hours ago

Implementing Binary Search Trees: A Complete Guide

Data Structures

Sarah Miller 32 204 6 hours ago

Recent Mentor Replies

Dr. Michael Anderson 1 hour ago [View Full Answer](#)

What are the best practices for implementing authentication in a React application?

When implementing authentication in React, consider using JWT tokens stored in HTTP-only cookies...

Prof. Lisa Zhang 3 hours ago [View Full Answer](#)

How to optimize performance in large-scale React applications?

For large React applications, implement code splitting, lazy loading, and proper state management...

[Request Follow-up](#)

Leaderboard

#1 **David Thompson** 4562 pts

#2 **Rebecca Martinez** 4128 pts

#3 **Kevin Park** 3895 pts

[View Full Leaderboard](#)

Your Progress

Weekly Goal 75%

Monthly Ranking 82%

Thank you!