



CodeLingo – User Manual

Live Site: <https://codelingo.hu>

1. Introduction

CodeLingo is an interactive programming learning platform where you can:

- Practice coding questions in multiple languages (C#, JavaScript, Python)
- Get instant feedback on your answers
- Track your progress with points and levels
- Compete on the global leaderboard

This manual guides you through using the CodeLingo application step by step.

2. Getting Started

2.1 Access the Application

- Open your browser and navigate to: <https://codelingo.hu>
- Supported browsers: Chrome, Edge, Firefox (latest versions)

2.2 Landing Page

When you arrive, you'll see the landing page with:

- CodeLingo logo and welcome message
- "Sign Up" button to create a new account

- "Try CodeLingo" button to explore features
- "Log In" link for existing users

If you're already logged in, you'll see:

- Personalized welcome message with your username
 - Your current stats (questions answered, accuracy, streak)
 - "Start Practice" button to begin a session
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3. Creating an Account

3.1 Registration

1. Click "Sign Up" on the landing page or header
2. Fill in the registration form:
 - Username (unique)
 - Email address
 - Password (must meet security requirements)
3. Click "Register"
4. Upon success, you'll be redirected to login

3.2 Login

1. Click "Login" in the header or landing page
2. Enter your username or email
3. Enter your password
4. Optionally check "Remember me" to stay logged in
5. Click "Login"

3.3 Default Admin Account

For testing purposes:

- Username: admin
 - Password: CodeLingo123!
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4. Navigation

The header menu provides quick access to all sections:

Menu Item	Description
Home	Return to landing page
Practice	Start a new practice session (requires login)
Leaderboard	View global rankings
Login/Logout	Sign in or out
Register	Create new account

5. Practice Mode

5.1 Starting a Practice Session

1. Click "Practice" in the header or "Start Practice" on the landing page
2. You'll be taken to the Practice Starter page
3. Configure your session:
 - **Language:** Select from C#, JavaScript, or Python
 - **Difficulty:** Choose Easy, Medium, or Hard
 - **Question Count:** Set how many questions you want (1-100)
4. Review your configuration in the summary panel
5. Click "Start Practice"

5.2 Answering Questions

1. Read the question displayed on screen
2. For multiple choice questions:
 - Review all options
 - Click on your chosen answer(s)
3. Click "Submit Answer"
4. You'll receive immediate feedback:
 - Correct/incorrect indicator
 - Explanation of the correct answer
 - Points earned

5.3 Session Progress

- Progress bar shows your current position (e.g., "Question 3 of 10")
- After each answer, click "Next Question" to continue
- When all questions are answered, you'll see the results summary

5.4 Session Results

At the end of a session, you'll see:

- Total score
 - Accuracy percentage
 - Time taken
 - Breakdown of correct/incorrect answers
 - Options to:
 - Start a new session
 - View leaderboard
 - Return to home
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6. Leaderboard

6.1 Viewing Rankings

1. Click "Leaderboard" in the header
2. See the global rankings with:
 - Rank position
 - Username
 - Total score
 - Accuracy percentage

6.2 Your Position

- If logged in, your position is highlighted
 - Track your progress compared to other users
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7. Profile

7.1 Viewing Your Profile

1. Click on your username or profile icon
2. See your personal statistics:
 - Total questions answered
 - Overall accuracy
 - Current streak
 - Global rank

7.2 Editing Profile

- Change display name
 - Update avatar
 - View detailed session history
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8. Admin Panel

For administrators only (admin account required).

8.1 Accessing Admin Panel

1. Log in with admin credentials
2. Navigate to Admin Panel via the menu

8.2 Language Management

- View all programming languages
- Add new languages
- Edit existing languages
- Delete languages

8.3 Question Management

- View all questions with filtering and pagination
- Create new questions (multiple choice, true/false, etc.)
- Edit existing questions
- Delete questions
- Import questions from CSV/Aiken format
- Export questions to CSV/JSON