

TO DO LIST



Register for the codeLinc10 Discord server to communicate with LFG coaches and mentors:
<https://tinyurl.com/codelinc10discord>



Access form to return for travel reimbursement:
<https://tinyurl.com/codelinc10travel>



Upload a copy of your resume (optional):
<https://tinyurl.com/codelinc10resume>





codeLinc 10.0

October 18 – 19, 2025
Greensboro, NC

Agenda



Times may change; vegetarian options always available. See staff for special requests or use Discord

Saturday, 10/18

10:30am-12:00pm	Check in and lunch
12:00pm-1:00pm	Opening remarks and instructions / Q&A
1:00pm-1:30pm	Assemble as teams, find a room, register your team
1:30pm	Coding time begins. Coaches will introduce themselves to their team
2:30pm-3:30pm	Make your own nachos
6:30pm-8:30pm	Dinner
9:00pm-10:30pm	Make your own sundae bar

Sunday, 10/19

12:00am-1am	Domino's
8:00am-10:00am	Breakfast buffet
10:30am-12pm	Student presentations
12:00pm-12:45pm	Lunch, judges assemble, prize raffles
12:45pm-1:15pm	Prizes and departure



Opening Remarks

*Tom Anfuso, SVP, Chief Technology Officer
Enterprise Technology Office*

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Lincoln Life & Annuity Company of New York

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David Bowles

Specialist, Development
Brand, Retail and Distribution IT
Participant – codeLinc 6 2019

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Alicia Breazeale

VP, HR Business Partner

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What we do

We provide guidance and solutions that help people take charge of their financial lives with confidence and optimism.

- Protecting loved ones from financial hardship
- Helping build tax-advantaged sources of lasting retirement income
- Preparing for retirement
- Group insurance products we offer to employers



1.6M

participants in our
employer-sponsored
retirement plans



11.5 M

individuals insured
through our group
benefits business



1.7M

life insurance
policies in-force



Early career programs: Before graduation



Actuarial Internship Development Program

- 10-week, **hybrid** summer experience
- Includes product development and pricing, valuation & financial reporting, asset-liability management, enterprise risk management, financial planning & analysis
- Actuarial internship positions available in eight locations plus remote (Atlanta, GA, Fort Wayne, IN, Hartford, CT, Greensboro, NC, Omaha, NE, Radnor, PA, Boston, MA, and Dover, NH)
- Participation in the Actuarial Internship Program is the key pipeline to our full-time Actuarial Development Program
- Develop relationships with business professionals, ADP participants and assigned mentors
- Take part in skills training, workshops, social events and activities
- Work on projects with real business impact
- National Intern Day recognition and celebration
- Community service and volunteer opportunities



Internship Development Program

- 10-week, **hybrid** summer experience
- Executive leadership exposure through the Lincoln Summer Speaker Series
- Career development workshops and resources
- Projects and assignments with real business impact
- Virtual engagement events for all participants
- National Intern Day recognition and celebration
- Community service and volunteer opportunities

Emerging Technologist Program



Program Details



Goal



Common Roles

Duration: 24 months
Time Commitment: ~1-2 hours/month
Cohort: 10-15 participants

Early-career development program, targeting Engineering, Data Analysis and Information Security, to pipeline and build enterprise-ready technologists

Software Engineers, Data Analysts, Network Engineers, Information Security Engineers

ETP Experience

DEVELOPMENT



Speaker Series/Coffee Chats

Quarterly coffee chats with IT senior leadership aligned to key skills



Technical Development

Rotations designed to create well-rounded technologists
Bootcamp and Virtual Instructor-Led Trainings to enhance technical acumen



Projects

Opportunities to solve real business challenges



ENGAGEMENT

In-Person Summit
2-day in-person summit focused on networking, development & engagement



Community

Teams channels and quarterly meet-ups focused on networking and building relationships



Mentorship

Quarterly meetings with alumni and leaders

Talent Pipelines

Early Career Talent Focus Area

1



Software Engineering

Targeting individuals interested in exposure to new languages, platforms, function, and experiences to create a well-rounded coder and future full-stack engineer. Will look to bring talent into areas within Software Development, Infrastructure, and Enterprise Services and specialized disciplines such as DevOps, Cloud, and AI/Robotic.

2



Data Analytics

Combining the passion for technology with the interest in gathering data and synthesizing the results into actionable plans to impact our strategy, data analytics will be critical to build through entry level talent. Will look to bring in individuals with Informatica, Tableau, R, Python, ETL and other data science backgrounds.

3



Cybersecurity

With the demand on cybersecurity skillsets at an all-time high, the goal will be to build new college talent from the ground up, molding to the deep technical needs and building engagement and retention early. Areas of focus include Identity Management, Penetration Testers, Cyber Threat Intel, and Cyber Security Engineering.



The Challenge

Dave Goodrich
codeLinc Moderator, Lincoln Financial Group

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codeLinc 10 – 3 Critical Rules

- You can leave at any time but there is no re-entrance once you do
- The only AI toolkits permitted are via the AWS Q Developer console – coaches are on hand to assist
- Enjoy yourself, watch the clock, take breaks and don't hesitate to ask for help

codeLinc 10 – Coding Challenge



Build an AI-powered Benefits and Financial Wellness Advisor for Early-Career Talent

Benefits Selection Assistance

- 1. Create** a smart assistant to guide new employees in choosing health, dental, vision, and other group benefits (employee assistance, caregiver resources, tutoring support)
- 2. Analyze** user inputs (e.g., age, income, family status) using AI to understand individual needs
- 3. Recommend** optimal benefit and financial choices tailored to personal goals

Financial Wellness Education

- 1. Teach** users the basics of budgeting, emergency savings, and debt management
- 2. Introduce** foundational concepts in long-term financial planning
- 3. Provide** interactive tools to build financial literacy



Using AI via Amazon Q Developer

Sasi Jayalekshmi
Principal Solutions Architect, AWS

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Amazon Q Developer



Helps developers and IT professionals build faster across the entire software development lifecycle (SDLC)

Most accurate coding recommendations

Agents can autonomously help you implement features, refactor code, perform software upgrades and more

Amazon Q is an expert on AWS and optimizing AWS environment

Best-in-class security vulnerability scanning and remediation

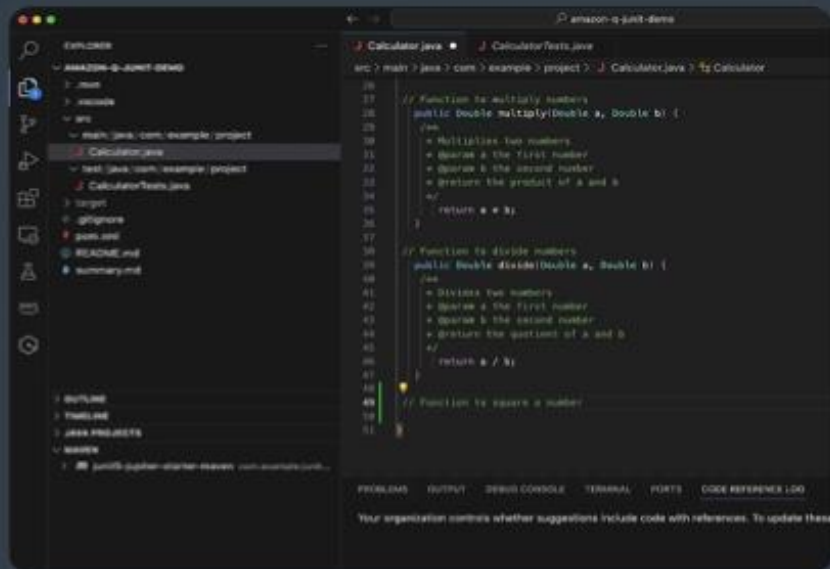
Amazon Q is built with security and privacy in mind from the start, making it easier for organizations to use generative AI safely.



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Create

DEMO



Generate code

Explain code

Engage with
Inline chat

Help understand
your code base

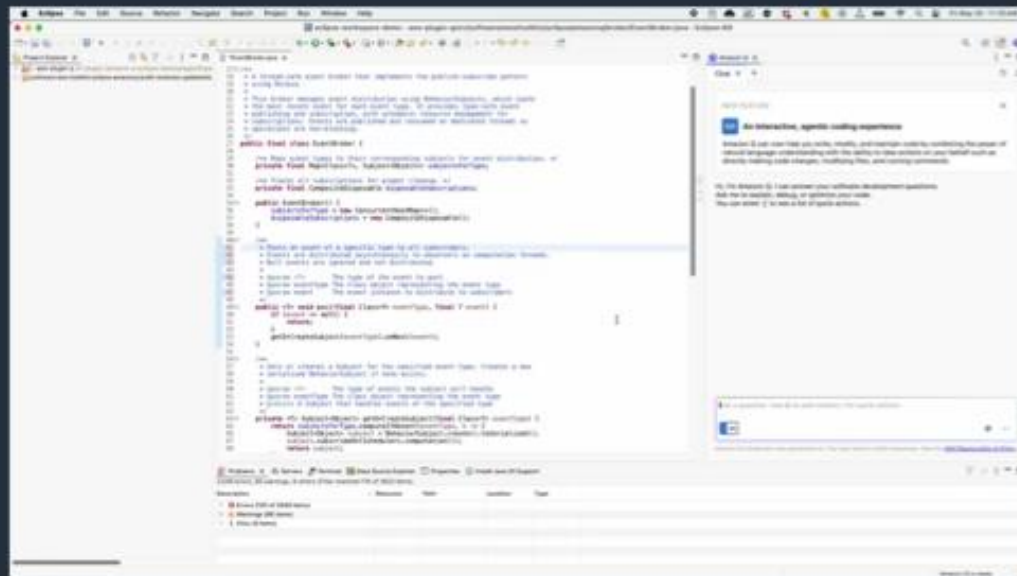
Customizable
to your code



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Test and secure

DEMO



Generative AI unit tests

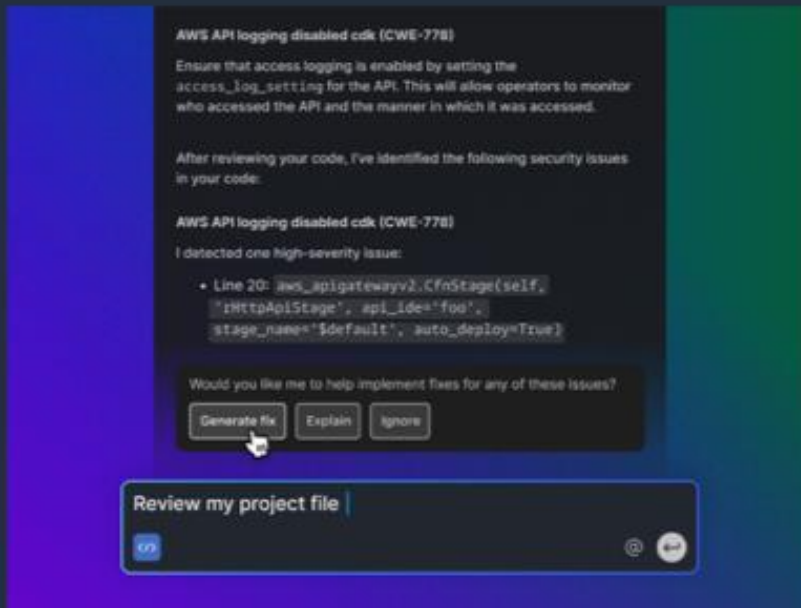
Scan entire project for security vulnerabilities

Generate remediations to improve security and code quality



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Review and deploy



Automate code reviews

Automatically detect and resolve common code quality issues in minutes vs hours

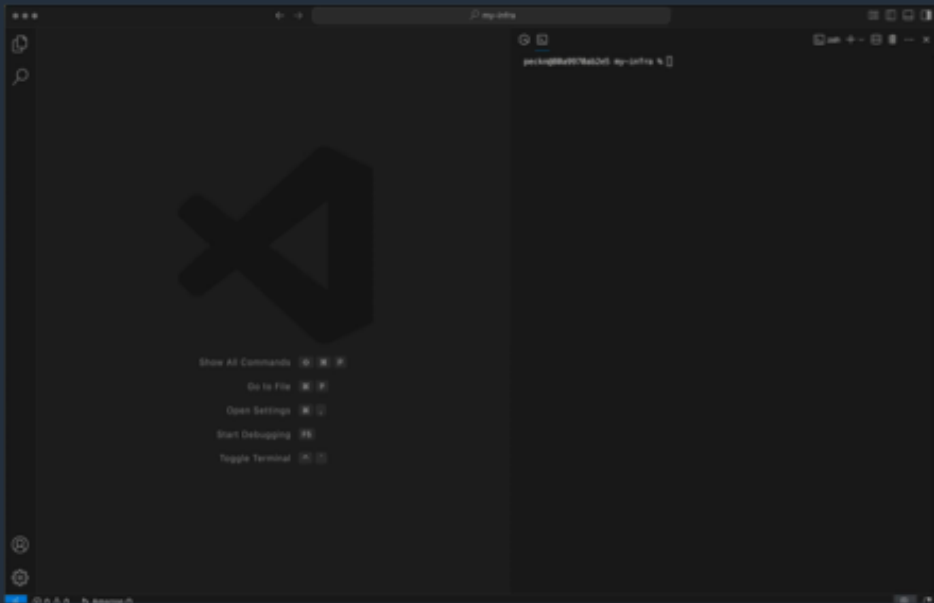
Ensure code review consistency



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Amazon Q Developer CLI agent

A LIGHTNING FAST, NEW AGENTIC CHAT EXPERIENCE WITHIN THE AMAZON Q DEVELOPER CLI



Execute complex workflows autonomously through an interactive coding experience

Streamline development workflows with natural language conversations and contextual awareness

- Read and write files locally
- Write code
- Run tests
- Debug issues
- Deploy code

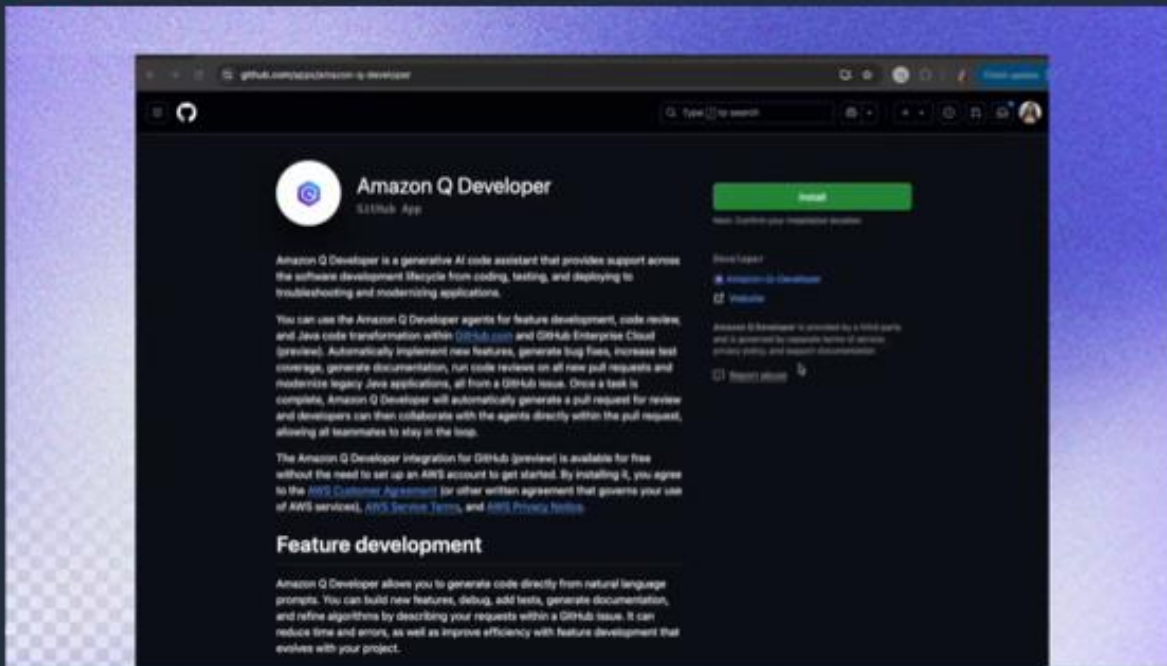


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Amazon Q Developer integration in GitHub

NOW IN PREVIEW

NEW



Operate on AWS



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Your AWS expert



Expert guidance for building on AWS

Ask Amazon Q about AWS services, capabilities and architecture solutions — our AWS expert in best practices, documentation, and implementations.



Diagnose and troubleshoot errors

When something is wrong in your operations, minutes matter. Investigate, troubleshoot, and remediate operational issues quickly.



Manage and optimize AWS cloud resources

List and take action on your AWS account resources, configurations, analyze billing information and usage trends through intuitive visualizations and guided actions.



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Amazon Q Developer Set Up



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Getting started with Amazon Q Developer

[PDF](#) | [RSS](#)

The following topics describe how to set up Amazon Q Developer for workforce users in your organization, and how individual users can access Amazon Q Developer.

Topics

- [Understanding tiers of service for Amazon Q Developer](#)
- [Amazon Q Developer Pro tier](#)
- [Amazon Q Developer Free tier](#)

Amazon Q Developer Free tier

[PDF](#) | [RSS](#)


If you want to get started quickly with some Amazon Q Developer features, you can create an [AWS Builder ID](#) to use Amazon Q Developer in the IDE or on the command line. Builder ID is the authentication that AWS recommends for exploring the Free tier of Amazon Q Developer. To get started with a Builder ID, see [Install the Amazon Q Developer extension or plugin in your IDE](#).


If you access the AWS management console using IAM, but are not subscribed to Amazon Q Developer Pro, you can still chat with Amazon Q Developer on AWS websites. However, your interactions with Amazon Q features in the console will be limited. Also, you will not be able to use Amazon Q in the IDE or Amazon Q on the command line.


	Free tier access type		
	AWS Builder ID	IAM Identity Center	IAM federation/principals
Accessibility of Amazon Q Developer features			
Amazon Q Developer in the IDE	✔ Yes	✘ No	✘ No
Amazon Q Developer on the command line	✔ Yes	✘ No	✘ No
Amazon Q on AWS websites	✘ No	✔ Yes	✔ Yes


EXTENSIONS: MARKETPLACE


amazon q


**Amazon Q** 382K ★ 4
Amazon Q is your generative AI-powered assistant across the s...
Amazon Web Services [Install](#)


**AWS CLI Configure** 274K ★ 5
Quickly access the AWS CLI config & credentials files and set a...
Mark Tucker [Install](#)


**ChatGPT GPT-4o - Bito AI Code Assistant** 649K ★ 4.5
Top-rated AI code assistant supports GPT-4o & mini, Claude S...
Bito [Install](#)


**ApexSQL Database Power Tools for VS Code** 50K ★ 3.5
MySQL and MariaDB development and management tools
ApexSQL by Quest [Install](#)


**Alexa Skills Kit (ASK) CLI Configure** 6K ★ 5
Quickly access the ASK CLI config file.
Mark Tucker [Install](#)


**Step Functions Preview** 1K ★ 5
Preview for AWS Step Functions
qkk [Install](#)


**Explain PostgreSQL** 1K ★ 5
Analyzes EXPLAIN plan from PostgreSQL and related (Greenpl...
Tensor Company Ltd [Install](#)


**Dark Green Jungle theme** 7K ★ 5
a Relax theme with dark green jungle color and green palette (J...
moondevas [Install](#)

**Amazon EMR Toolkit** 3K
The extension for developers building Spark applications to run...
Amazon EMR [Install](#)


**Amazon Step Function Workflow Validator** 8K
Validate AWS Step Function State Machines.
TreyECODE [Install](#)

**Amazon - Rule Writing** 46
Support for all amazon's rule writers
Maciej Świątek-Brzezinski [Install](#)

**amazon-rule-writing-dark-theme** 40
Dark theme for Amazon's rule writers
Maciej Świątek-Brzezinski [Install](#)

**AWS Toolkit** 5.6K ★ 4.6

Extension: Amazon Q

**Amazon Q** v1.25.0
Amazon Web Services [amazon.com](#) | 382,701 | ★★★★★ (14)
Amazon Q is your generative AI-powered assistant across the software development lifecycle.
[Install](#) [Auto Update](#)

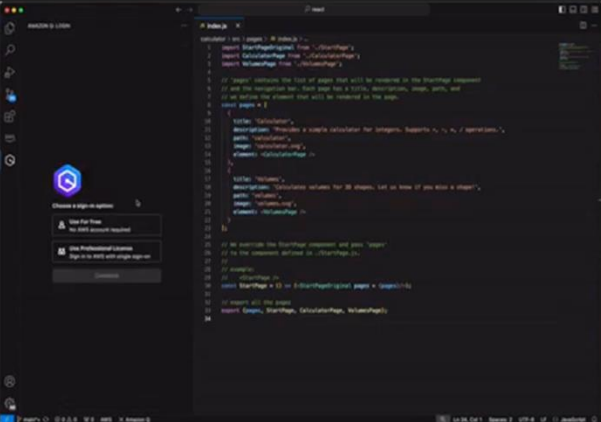
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Getting Started

Free Tier - create or log in with an AWS Builder ID (a personal profile from AWS).

Pro Tier - If your organization is on the Amazon Q Developer Pro tier, log in with single sign-on.



Features

Inline code suggestions

Categories

- Programming Languages
- Machine Learning
- Education
- AI
- Chat

Resources


- Marketplace
- Issues
- Repository
- License
- Amazon Web Services


More Info


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amazon q



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amazon-rule-writing-dark-theme 40
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AWS Toolkit 3.5M ★ 3.6

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Free Tier

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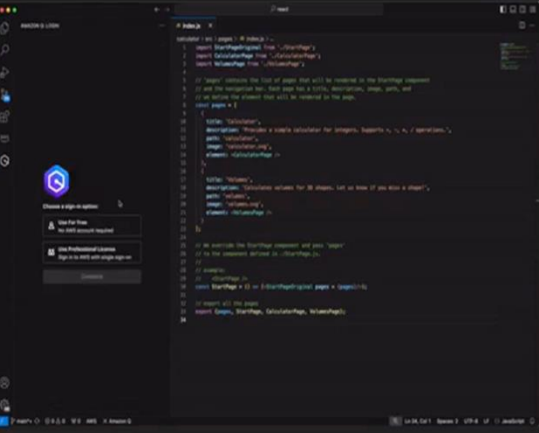
Installs

381K

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Amazon Web Services

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Allow AWS IDE Extensions for VSCode to access your data?

By choosing **Allow access**, you agree to allow **AWS IDE Extensions for VSCode** to access the following:



Amazon Q Developer

[Hide details](#)

Enable access to Amazon Q inline code suggestions

Enable inline code suggestions based on existing code and comments.

Enable access to Amazon Q code analysis

Enable security scans with suggestions to help remediate issues.

Enable access to Amazon Q Developer Agent for code transformation

Enable automated language upgrade tasks.

Enable access to Amazon Q chat

Enable users to ask software development questions, request explanations for their code, etc. via chat.

Enable access to Amazon Q Developer Agent for software development

Enable generation of plan and code to implement new functionality across the user's workspace.

Deny access

Allow access

AMAZON Q: CHAT

Chat x +

You can enter / to see a list of quick actions. Add @workspace to beginning of your message to include your entire workspace as context.

Show me a python function that generates a random word of the day

Certainly! I can help you create a Python function that generates a random word of the day. Here's a simple implementation using Python's built-in random module and a list of words: [1]

```
import random

def word_of_the_day():
    # List of words to choose from
    words = [
        "serendipity", "ephemeral", "luminous",
        "enigmatic", "mellifluous", "ethereal",
        "labyrinth", "quintessential", "euphoria",
        "sublime", "paradox", "synchronicity", "
    ]

    # Choose a random word from the list
    return random.choice(words)

# Example usage
print("Word of the day:", word_of_the_day())
```


python Insert at cursor Copy

Ask a question or enter "/" for quick actions

4000/4000

Use of Amazon Q is subject to the AWS Responsible AI Policy.

Extension: Amazon Q x

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Amazon Web Services [amazon.com](#) | 382,701 | ★★★★★ (14)

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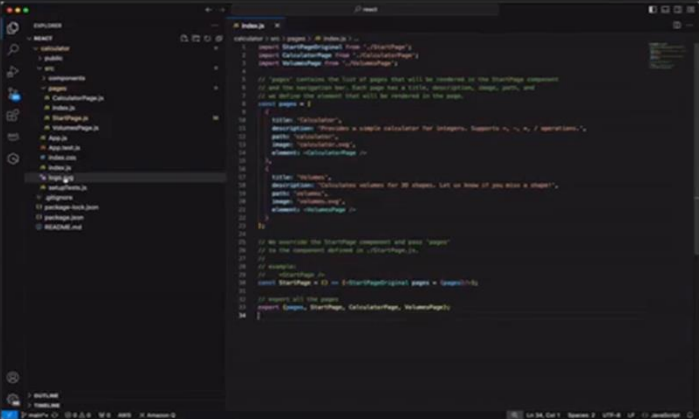
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AWS Account Creation



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AWS Free Tier

Gain free, hands-on experience with AWS products and services

Create a Free Account



New customers get up to \$200 in credits

New AWS customers can get started at no cost with the AWS Free Tier. Gain \$100 USD credits at sign-up and up to \$100 USD more to earn as you explore key AWS services. Test drive AWS services with the Free Plan for up to 6 months. You won't be charged unless you choose the Paid Plan, which allows you to scale your operations and gain access to over 150 AWS services.

Free Plan

Experience AWS for up to 6 months without cost or commitment

- ✓ Receive up to \$200 USD in credits
- ✓ Includes free usage of select services
- ✓ No charges incurred unless you switch to the Paid Plan
- ✗ Workloads scale beyond credit thresholds
- ✗ Access to all AWS services and features

Paid Plan

Develop production-ready workloads with access to over 150 AWS services

- ✓ Receive up to \$200 USD in credits
- ✓ Includes free usage of select services
- ✓ Pay beyond credit thresholds
- ✓ Workloads scale beyond credit thresholds
- ✓ Access to all AWS services and features

Navigate to

<https://aws.amazon.com/>

Click of **Create account**
on top right corner

Installing the AWS Toolkit for Visual Studio Code



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Follow instructions at

<https://docs.aws.amazon.com/toolkit-for-vscode/latest/userguide/setup-toolkit.html>



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Q&A / Next Steps (will be sent via Discord shortly)



Register for the codeLinc10 Discord server to communicate with LFG coaches and mentors:
<https://tinyurl.com/codelinc10discord>



After you have your team name and room location, teams should register via:
<https://tinyurl.com/codelinc10team>



Access form to return for travel reimbursement
<https://tinyurl.com/codelinc10travel>



Challenge Info is available on Dropbox:
<https://tinyurl.com/codelinc10challenge>

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