# Hello World Tutorial

This step-by-step tutorial guides you through creating your first AWS CDK application.

## 📚 Complete Tutorial Guide

Learn AWS CDK by building a simple Lambda function with HTTP endpoint:

## Tutorial Steps

1. [**Overview**](01-overview.md) - What you’ll build and prerequisites
2. [**Create Project**](02-create-project.md) - Initialize your first CDK project
3. [**Configure Environment**](03-configure.md) - Set up AWS credentials and environment
4. [**Bootstrap**](04-bootstrap.md) - Prepare your AWS environment for CDK
5. [**Build & Synthesize**](05-build-synth.md) - Build your app and generate CloudFormation
6. [**List Stacks**](06-list-stacks.md) - View your CDK stacks
7. [**Add Lambda Function**](07-add-function.md) - Create your Hello World Lambda function
8. [**Deploy & Interact**](08-deploy-interact.md) - Deploy and test your application

## What You’ll Learn

* How to create a CDK project
* Basic CDK concepts (constructs, stacks, apps)
* How to define AWS resources in code
* CDK deployment workflow
* Testing your deployed application

## Prerequisites

* AWS account with appropriate permissions
* Node.js and npm installed
* Basic understanding of programming concepts

## Time to Complete

Approximately 30-45 minutes for first-time users.

## Next Steps

After completing this tutorial, explore: - [Core Concepts](../../02-core-concepts/) - Deep dive into CDK fundamentals - [Development Guide](../../03-development/) - Best practices and advanced topics