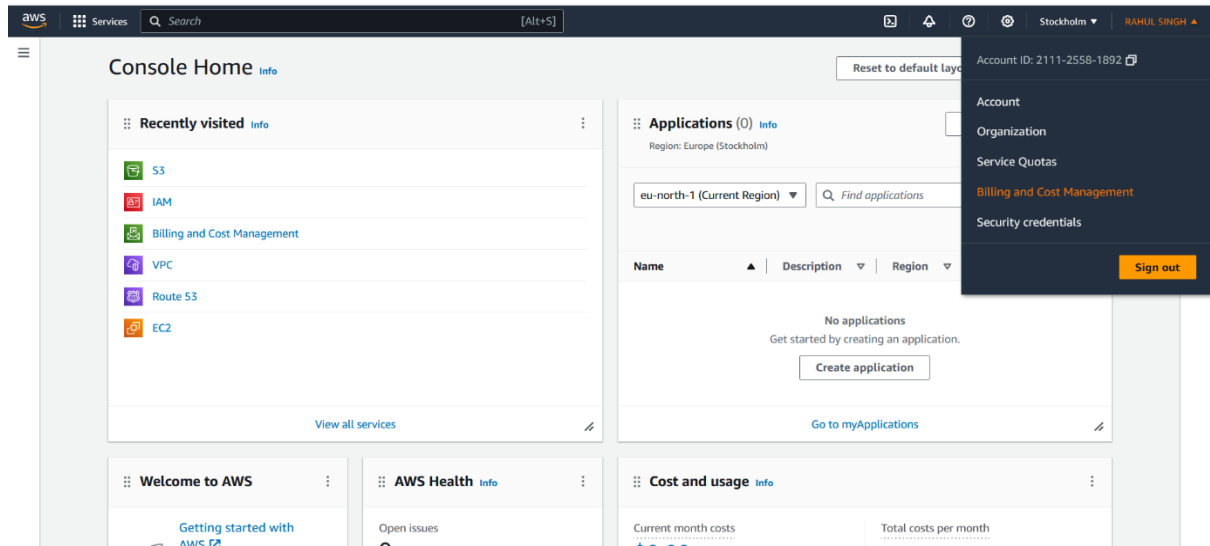


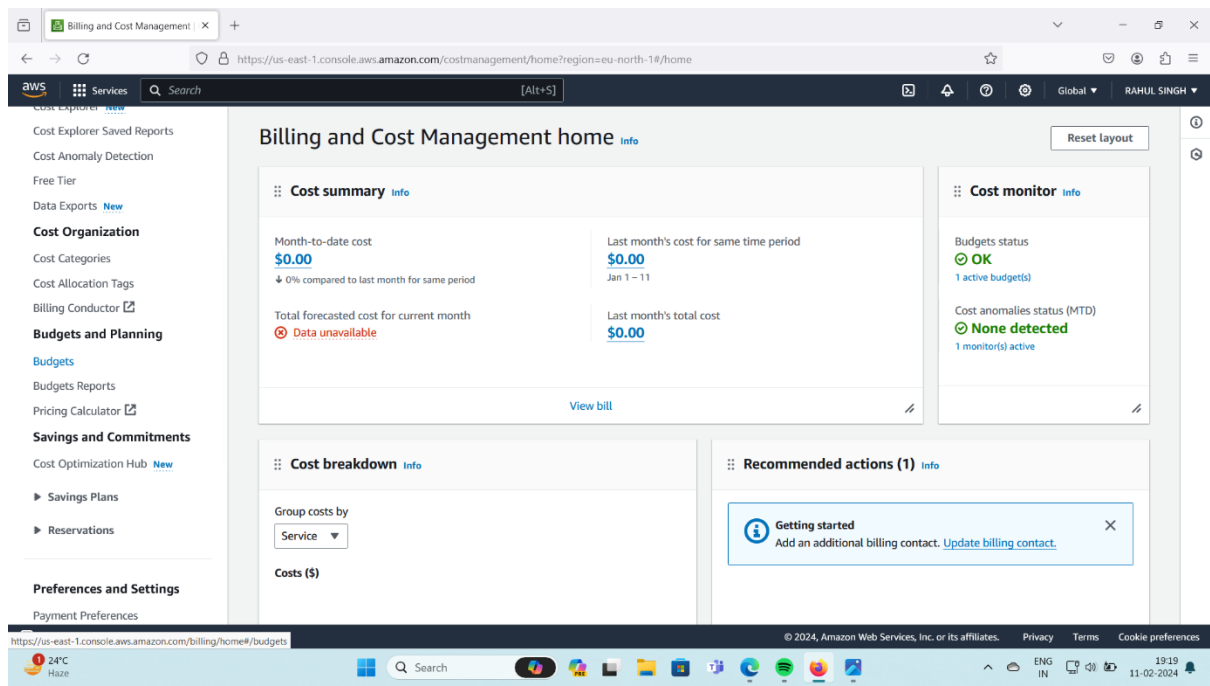
Assignment 1:- Create an account in AWS and configure a budget.

Configure a budget:-

Step 1: Log into AWS console and open Billing and Cost Management.



Step 2: Under Budgets and Planning click on Budget.



Step 3: Create and configure the Budget.

Amazon Billing and Cost Management console - Budgets Overview

Overview

Budgets (1) Info

Download CSV Actions Create budget

Find a budget Type - Show all budgets

Name	Thresholds	Budget	Amount used	Forecasted ...	Current vs. budgeted
my budget	OK	\$1.00	\$0.00	-	0.00%

Amazon Billing and Cost Management console - Create budget

Choose budget type

Step 1: Choose budget type

Step 2: Set your budget

Step 3: Configure alerts

Step 4 - Optional: Attach actions

Step 5: Review

Budget setup

☐ Use a template (simplified)

☒ Customize (advanced)

Budget types

☒ Cost budget - Recommended

☐ Usage budget

Step 4:- set the budget..

The screenshot shows the AWS Billing and Cost Management console. The left sidebar contains navigation links for Billing and Payments, Cost Analysis, and Cost Organization. The main content area is titled 'Set budget amount' and includes the following sections:

- Budget name:** A text input field containing 'Mybudget2'. A note below states: 'Names must be between 1-100 characters.'
- Set budget amount:**
 - Period:** A dropdown menu set to 'Monthly'. A note below states: 'Daily budgets do not support enabling forecasted alerts, or daily budget planning.'
 - Budget renewal type:** Two radio buttons. 'Recurring budget' is selected. A note below states: 'Recurring budgets renew on the first day of every monthly billing period.'
 - Expiring budget:** An unselected radio button. A note below states: 'Expiring monthly budgets stop renewing at the end of the selected expiration month.'
 - Start month:** Two dropdown menus set to 'Feb' and '2024'.
 - Budgeting method:** A dropdown menu set to 'Fixed'. A note below states: 'Create a budget that tracks against a single monthly budgeted amount.'
 - Enter your budgeted amount (\$):** A text input field with a placeholder 'Less monthly cost: \$0.00'.

On the right, the 'Budget preview' section shows a line graph for 'Cost Data' from Feb 2023 to Feb 2024 (MTD). The graph shows a flat line at 0. Below the graph, it says 'Actual cost' and 'Budget'. A button 'View in AWS Cost Explorer' is present. The 'Alerts' section below the graph states 'No alerts configured.'

The screenshot shows the AWS Billing and Cost Management console at the 'Budget scope' step. The left sidebar is the same as the previous screenshot. The main content area is titled 'Budget scope' and includes the following sections:

- Budget scope:**
 - Scope options:** Two radio buttons. 'All AWS services (Recommended)' is selected. A note below states: 'Track any cost incurred from any service for this account as part of the budget scope.'
 - Filter specific AWS cost dimensions:** An unselected radio button. A note below states: 'Select specific dimensions to budget against. For example, you can select the specific service "EC2" to budget against.'
- Advanced options:**
 - Aggregate costs by:** A dropdown menu set to 'Unblended costs'.
 - Supported charge types:** A dropdown menu set to 'Supported charge types'.
 - Charge types:** Four buttons: 'Upfront reservation fees', 'Recurring reservation charges', 'Other subscription costs', 'Taxes', 'Support charges', and 'Discounts'. Each button has an 'X' icon to remove it.

At the bottom of the main content area are three buttons: 'Cancel', 'Previous', and 'Next'. The 'Budget preview' section on the right is identical to the previous screenshot.

Step 5:- Add a threshold alert

Create budget | Configure alert

https://us-east-1.console.aws.amazon.com/billing/home?region=us-east-1#/budgets/create/steps/3?validationTrigger=true&stepIndex=0&budgetAmount=

aws Services Search [Alt+S]

Global RAHUL SINGH

Billing and Cost Management

- Home [New](#)
- Getting Started [New](#)
- Billing and Payments**
 - Bills
 - Payments
 - Credits
 - Purchase Orders
- Cost Analysis**
 - Cost Explorer [New](#)
 - Cost Explorer Saved Reports
 - Cost Anomaly Detection
 - Free Tier
 - Data Exports [New](#)
- Cost Organization**
 - Cost Categories
 - Cost Allocation Tags
 - Billing Conductor

Threshold
When should this alert be triggered?

50 % of budgeted amount

Trigger
How should this alert be triggered?

Actual

Summary: When your actual cost is greater than 50.00% (\$0.50) of your budgeted amount (\$1.00), the alert threshold will be exceeded.

Notification preferences
Select one or more notification preferences to receive alerts.

Email recipients
Specify the email recipients you want to notify when the threshold has exceeded.

singhrahulrajput2004@gmail.com

Maximum number of email recipients is 10.

[Amazon SNS Alerts - Optional info](#)

[AWS Chatbot Alerts](#)

[Add alert threshold](#)

Cancel Previous **Next**

Budget preview

Cost Data
Feb 2023 - Feb 2024 (MTD) | Unblended costs

1 0.8 0.6 0.4 0.2 0

Feb 2023 May 2023 Aug 2023 Nov 2023

Actual cost Budget Alert #1 (actual)

[View in AWS Cost Explorer](#)

Alerts

Actual cost > 50% | No actions

CloudShell Feedback

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Search

ENG IN 19:24 11-02-2024

Billing and Cost Management

https://us-east-1.console.aws.amazon.com/billing/home?region=us-east-1#/budgets/create/steps/4?validationTrigger=true&stepIndex=0&budgetAmount=

aws Services Search [Alt+S]

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Billing and Cost Management

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What is a budget action?
A budget action allows you to define and trigger cost saving responses to reinforce a cost-conscious culture. You have the option to attach actions that run whenever your alert threshold has been exceeded, such as stopping an EC2 instance from incurring any further costs. You can select the alerts to which you would like to attach actions, then define these actions.

How to get started?
To create a budget action, you will first need an alert threshold created from step 2. If you have already created an alert threshold select the type of action you want.

Alert #1 (0 actions attached)

Threshold	Email recipients
50%	singhrahulrajput2004@gmail.com
Threshold measured against	Amazon SNS
Actual Costs	Not configured

[Add action](#)

Cancel Previous **Next**

Budget preview

Cost Data
Feb 2023 - Feb 2024 (MTD) | Unblended costs

1 0.8 0.6 0.4 0.2 0

Feb 2023 May 2023 Aug 2023 Nov 2023

Actual cost Budget Alert #1 (actual)

[View in AWS Cost Explorer](#)

Alerts

Actual cost > 50% | No actions

CloudShell Feedback

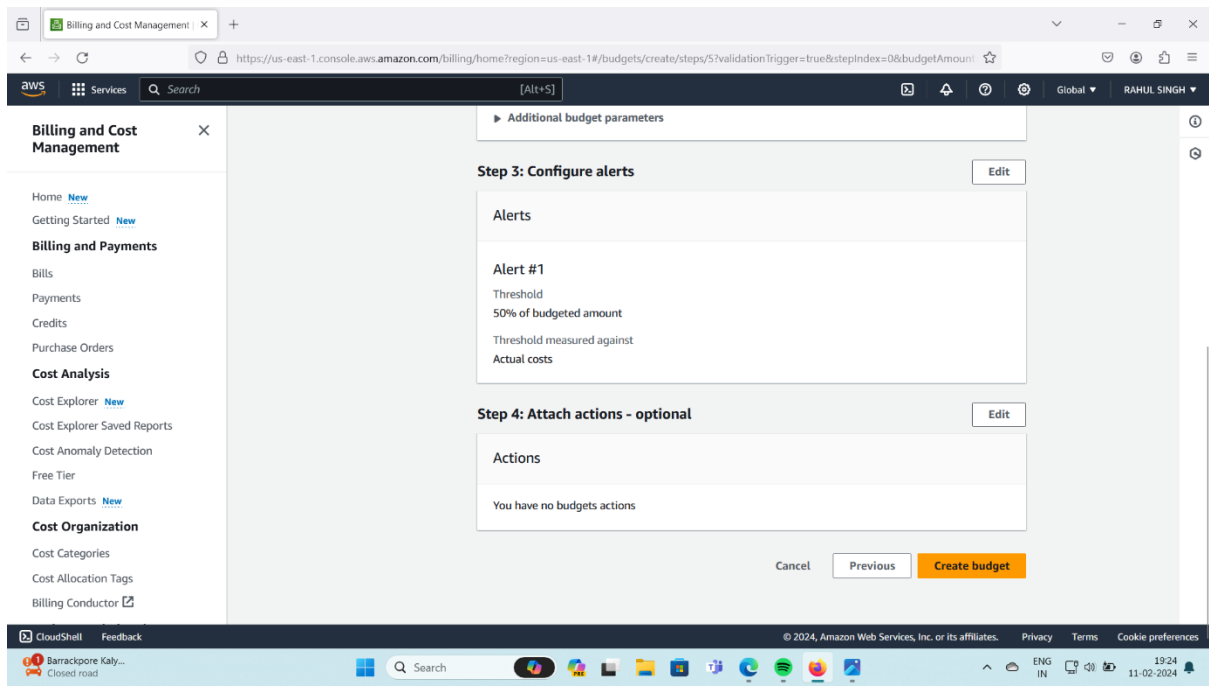
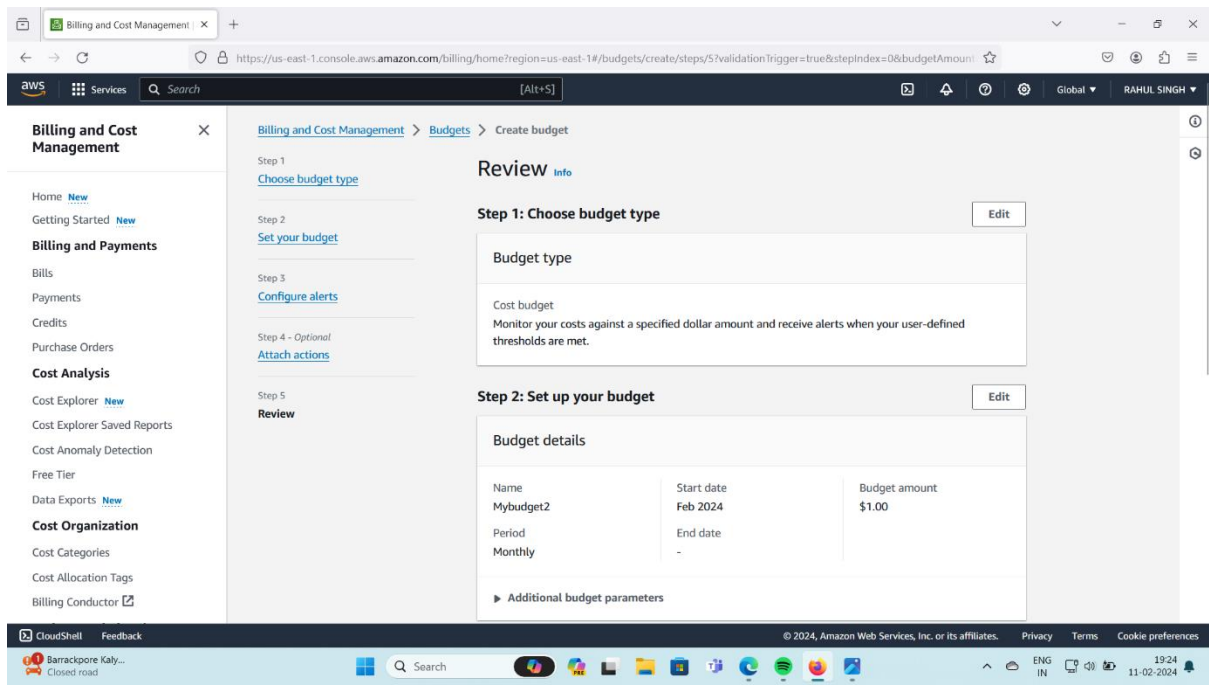
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Step 6:- Review the budget and click on create budget..



Step 7:- Budget created successfully..

Billing and Cost Management

Home [New](#)

Getting Started [New](#)

Billing and Payments

Bills

Payments

Credits

Purchase Orders

Cost Analysis

Cost Explorer [New](#)

Cost Explorer Saved Reports

Cost Anomaly Detection


Free Tier

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Cost Organization

Cost Categories

Cost Allocation Tags

Billing Conductor 

Your budget Mybudget2 has been created successfully.

[Submit feedback](#)

[Billing and Cost Management](#) > [Budgets](#) > Overview

Overview [Info](#)

Budgets (2) [Info](#)

Download CSV


Actions



Create budget

Find a budget

Type - Show all budgets

< 1 >



<input type="checkbox"/>	Name	Thresholds	Budget	Amount used	Forecasted ...	Current vs. budgeted
<input type="checkbox"/>	my budget	 OK	\$1.00	\$0.00	-	<div><div></div></div> 0.00%
<input type="checkbox"/>	Mybudget2	 OK	\$1.00	\$0.00	-	<div><div></div></div> 0.00%

CloudShell


Feedback

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