JAVA DAILY QUESTIONS

DAY 1 - 04/10/25

What is git repo

What are branches in git

How to push a file to git repo

What are packages in java

What are access modifiers in java

DAY 2 - 04/11/25

What is difference between public and private repo

Figure out ways to clone the repo

Understand differences between Local & Remote Repo

What are GIT commands? Get familiar with GIT Push, GIT Pull, GIT Commit & Other GIT Commands

What are instance methods in java

DAY 3 - 04/12/25

What is difference between While, do while and for loop execution, Print first 100 numbers using each loop

Write all types of 4 methods for multiplication of two numbers

DAY 4 - 04/14/25

Where do we use a break statement

Real time example with for, while and do while

Explore for each loop

Difference between for and for each

What is SDLC lifecycle

For a java application, create a file, Insert altair technologies inside it, write the file to a specific location with appropriate filename

DAY 8 - 04/18/25

What is deployment

Create free account in AWS and GCP, and upload a file from the local to cloud

Create a table in cloud storage, spanner database.

Create a table in AWS, postgres database

ID, Name, Salary are the columns with ID as primary key,

Insert 5 rows in to the table

When to use GCP and AWS (difference between AWS and GCP)

In GCP, create a java application, how to generate a JAR from this application? What is the difference between JAR and WAR? What different build tools are available?

What is Encapsulation, Inheritance, polymorphism, interface, abstract classes

Create setters and getters for different class variables for class Employee

Read what are getters & setters, what are access modifiers, what is difference between public, private, protected and default

Understand the access modifier usage when applied at class level, method level and variable level

Create setters and getters for different class variables for class Customer, with customerID, customerName, customerAddress, customerZipcode, customerName and create 5 different objects using setters & getters. Write these objects to a file

Convert the customer objects into table and write it to a file

Convert the customer objects into JSON format and write it to a file

Write a java code to insert 5 elements into array with for loop

Write a java program to retrieve 5 elements in an array

Write a java code to retrieve an element based on the index