**How to run Kotlin code using terminal**

kotlinc KotlinFirst.kt -include-runtime -d KotlinFirst.jar

java -jar “***file name with extension***”

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**Creating new repository**

echo "# KotlinPractice" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/AnuragMurti28/KotlinPractice.git

git push -u origin main

**Pushing into existing Repository**

git remote add origin https://github.com/AnuragMurti28/KotlinPractice.git

git branch -M main

git push -u origin main

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**To use the Java instrumentation API in kotlin**

Create a Java Agent -> Get Instrumentation Instance -> Measure Object Size -> Run the Application with the Agent.

### Steps to Use Instrumentation

**Create a Java Agent**: You need to define a Java agent that specifies a premain() method. This method is executed before the main() method of your application.

**Get Instrumentation Instance**: Inside the premain() method, you receive an Instrumentation instance that allows you to call its methods.

**Measure Object Size**: You can use the getObjectSize() method from the Instrumentation instance to measure the size of objects.

**Run the Application with the Agent**: You must pass the Java agent as a command-line argument when running your application.