Step-by-Step Guide to Create the Application

# ✅ Step 1: Log in to Salesforce

* Go to [https://login.salesforce.com.](https://login.salesforce.com/)

## Log in with your credentials.

* Ensure you are in a **Developer Edition** or **Sandbox** environment.

1. *After Logging In:*
   * You will be on the **Salesforce Setup/Home page** (not Trailhead).
   * At the top-right corner of the screen, click on your **avatar/profile picture**.
   * Select **Developer Console** from the dropdown.

🛠️ This will open a new window called **Developer Console**, where you can write and execute Apex code.

# Step 3: Create an Apex Class

## In Developer Console:

* + Click File > New > Apex Class.

## Sabke class ka naam alag hoga niche wala addition ka hai…

* + Name it: AddTwoNumbers.

## Paste the following code: jo bhi code mila ho addition , substraction, multiplication……

public class AddTwoNumbers {

// Method to add two numbers

public static Integer add(Integer a, Integer b) { return a + b;

}

}

# Step 4: Create an Apex Anonymous Block to Run the Code

## In Developer Console:

o Click Debug > Open Execute Anonymous Window.

## Paste the following code:

Integer result = AddTwoNumbers.add(10, 15);

System.debug('The result is: ' + result);

# Step 5: View the Result

* + In the **Logs** tab:

## Open the latest log.

* + - Use **Ctrl+F** to search for USER\_DEBUG.

# Subtraction of Two Numbers

public class SubtractionDemo {

public static Integer subtract(Integer a, Integer b) { return a - b;

}

}

### Execute:

Integer result = SubtractionDemo.subtract(20, 5); System.debug('Subtraction result: ' + result);

# Multiplication of Two Numbers

public class MultiplicationDemo {

public static Integer multiply(Integer a, Integer b) { return a \* b;

}

}

### Execute:

Integer result = MultiplicationDemo.multiply(4, 6); System.debug('Multiplication result: ' + result);

# Division of Two Numbers

public class DivisionDemo {

public static Decimal divide(Decimal a, Decimal b) { if (b != 0) {

return a / b;

} else {

return null;

}

}

}

### Execute:

Decimal result = DivisionDemo.divide(10, 2); System.debug('Division result: ' + result);

# Add, Subtract, Multiply, Divide Together

public class AllOperations {

public static void calculate(Integer a, Integer b) { System.debug('Addition: ' + (a + b)); System.debug('Subtraction: ' + (a - b)); System.debug('Multiplication: ' + (a \* b));

if (b != 0) {

System.debug('Division: ' + (Decimal.valueOf(a) / b));

} else {

System.debug('Division: Cannot divide by zero');

}

}

}

### Execute:

AllOperations.calculate(20, 4);

# Display Multiples of 5 (Table of 5)

public class TableOfFive {

public static void display() {

for (Integer i = 1; i <= 10; i++) { System.debug('5 x ' + i + ' = ' + (5 \* i));

}

}

}

### Execute:

TableOfFive.display();

# Display Multiples of 10 (Table of 10)

public class TableOfTen {

public static void display() {

for (Integer i = 1; i <= 10; i++) { System.debug('10 x ' + i + ' = ' + (10 \* i));

}

}

}

### Execute:

TableOfTen.display();

# Print a Welcome Message

public class WelcomeMessage {

public static void showMessage() {

System.debug('Welcome to Apex Programming Language of Salesforce Platform');

}

}

### Execute:

WelcomeMessage.showMessage();