**Source Code for Creating an Arithmetic Calculator :-**

**GitHub Reciprocity Link**:- https://github.com/kapildavey/Phase1.git

**Source Code:-**

**package** ArithmeticCalculator;

**import** java.util.\*;

**public** **class** ArithmeticCalculator {

**public** **static** **void** main(String[] args) {

**char** operator;

Double number1,number2,result;

Scanner sc= **new** Scanner(System.***in***);

System.***out***.println("Choose an operator: +, -, \*, /, or %");

operator= sc.next().charAt(0);

System.***out***.println("Enter First Number");

number1=sc.nextDouble();

System.***out***.println("Enter Second Number");

number2=sc.nextDouble();

**switch**(operator) {

**case** '+':

result= number1+number2;

System.***out***.println(number1+ "+" +number2+ "=" +result);

**break**;

**case** '-':

result= number1-number2;

System.***out***.println(number1+ "-" +number2+ "=" +result);

**break**;

**case** '\*':

result= number1\*number2;

System.***out***.println(number1+ "\*" +number2+ "=" +result);

**break**;

**case** '/':

result= number1/number2;

System.***out***.println(number1+ "/" +number2+ "=" +result);

**break**;

**case** '%':

result= number1%number2;

System.***out***.println(number1+ "%" +number2+ "=" +result);

**break**;

**default**:

System.***out***.println("Invalid Operator");

**break**;

}

sc.close();

}

}