**Assignment: Implementing Arthemetic calculator**

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**used Switch case. with 3 input vales i.e. a,b and operation to be performed. i.e. + - \* /**

**Code:**

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**package** com.simplilearn.first;

**import** java.util.Scanner;

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

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

**float** a,b;

String ch;

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

System.***out***.println("enter value1");

a = sc.nextFloat();

System.***out***.println("enter value2");

b = sc.nextFloat();

System.***out***.println("Please select operation to perform + - \* /");

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

ch = opr.next();

**switch** (ch) {

**case** "+": {

System.***out***.println("addition: " +(a+b));

**break**;

}

**case** "-": {

System.***out***.println("subtraction: " +(a-b));

**break**;

}

**case** "\*": {

System.***out***.println("multipication: " +(a\*b));

**break**;

}

**case** "/": {

System.***out***.println("division: " +(a/b));

**break**;

}

**default**:

System.***out***.println("please select correct vales and operation to be performed");

}

}

}

**OUTPUT:**

**Scenario1:**

enter value1

2

enter value2

6

Please select operation to perform + - \* /

\*

multipication: 12.0

**Scenario2:**

enter value1

2

enter value2

4

Please select operation to perform + - \* /

f

please select correct vales and operation to be performed

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