**REPORT ON SIMPLE CALCULATOR**

1. **Introduction:**

* To make a simple calculator in Java Programming which performs the basic four mathematical operations i.e., addition, subtraction, multiplication, etc. use the switch case to identify the input operator to perform required calculation and then display the result on the screen.
* A Package is a collection of related classes. It helps organize your classes into a folder structure and make it easy to locate and use them. More importantly, it helps improve re-usability. Each package in Java has its unique name and organizes its classes and interfaces into a separate namespace, or name group. with help of packages program developing becomes easier.

**2.0 Aim of the Micro-Project:**

* Understand concept of package.
* Understand use of math class’s methods.

**3.0 Project Requirement:**

**3.1Hardware:**

RAM4GB

Harddisk500GB

**3.2 Software:**

MS-world 2007

Eclipse IDE for Java Developers - 2019-12

**4.0 Procedure:**

A Package is a collection of related classes. We develop program for simple calculator using package. To create a class inside a package, you should declare the package name as the first statement of your program. Then include the class as part of the package. But, remember that, a class can have only one package declaration. Accordingly this way we create package calculator and create various classes and this packet name declared as the first statement of program. Then for specific operation we add math class’s methods.

For example, for power operation we add method: Math.pow (float, float).

**5.0 Conclusion:**

In this project we develop program on simple calculator using package and arithmetic functions which are included in math file.

**6.0 Reference:**

Java Programming book of Tech-knowledge publication.

<http://www.google.com>