

Week 18 Tutorial

Question 1

- A. Create a class ArithmeticOperation with the following methods:
- add(int a, int b): add two numbers and print the result.
 - divide(int a, int b): divide a by b and print the result.
- B. Create another class Test with the following method:
- a) main method
- Using scanner, take two number as input from user
 - Create an object of Arithmetic class and call add and divide methods by passing input numbers as parameter
 - Again, run with another next set of inputs with zero value.
- C. Update the divide method that handles the exception (using try catch) and print the result with and without exception.
- D. Run the test class again

Question 2

A. Create a class MarksEntry with the following method:

a. calculateMarks()

- Using scanner, input 5 integer values from the user
- Sum all the marks and calculate percentage
- Handle the exception when user inputs string or decimal values

b) storeNames()

- Using scanner input the 5 names from the user
- Store the names in an array
- Now, ask user to input the index
- Print the value of particular index
- Handle the exception when user inputs the higher index value

b. Main method -

- Call calculateMarks() method
- Call storeNames() method