**Compare Exercise**

**The Code:**

package oopwithjava; //name of the package that houses this file

import java.util.Scanner; //import the scanner class used to get user input

public class compare { //create compare class

public static void main (String [] args) //declare main function

{

int firstNum, secondNum; //declare the int variables firstNum and secondNum

Scanner firstinput=new Scanner(System.in); //create an object of the Scanner class

System.out.println("Please enter the first Number in whole number format without decimals: "); //display message asking for input of first number

firstNum=firstinput.nextInt(); //initialize firstNum to be the int value read from the user by using next.Int() method

Scanner secondinput=new Scanner(System.in); //create an object of the Scanner class

System.out.println("Please enter the second Number in whole number format without decimals: "); //display message asking for input of second number

secondNum=secondinput.nextInt(); //initialize secondNum to be the int value read from the user by using next.Int() method

if (firstNum>secondNum){ //use an if statement to check whether the firstNum is greater than the secondNum

System.out.println(firstNum + ", which is the first number, is greater than " + secondNum); //print this message if the previous condition holds true

}

else if (firstNum==secondNum) { //check whether the firstNum is equal to the secondNum

System.out.println(firstNum + ", which is the first number, is equal to " + secondNum + " which is the second number"); //print this message if the previous condition holds true

}

else if(secondNum>firstNum) { //check whether the secondNum is greater than the firstNum

System.out.println(secondNum + ", which is the second number, is greater than " + firstNum); //print this message if the previous condition holds true

}

}

}