**Exercise 1 - Dawson**

public static void intro() {

// Let's provide a good Introduction

System.out.println("This program determines the minimum of three ints");

System.out.println("It gracefully reports errors when erroneous data is entered ");

System.out.println("For example, if you type in 'abc' when this program asked for an int");

System.out.println("the program will report the error & ask for another int");

System.out.println("Try giving it bad input ! \n\n");

}

**Exercise 2 - Dawson**

public static int readInt(Scanner console) {

Boolean goodInt = false;

int parsedValue = 0;

System.out.print(" Please enter an integer value ");

String input = console.nextLine();

while (!goodInt) {

try {

parsedValue = Integer.parseInt(input);

goodInt = true;

}

catch(NumberFormatException ex)

{

System.out.print(" Invalid input, please enter Int ");

input = console.nextLine();

}

}

return parsedValue;

}

**Exercise 3 - Dawson**

public static int calcMin(int value1, int value2, int value3) {

int min = value1;

if (value2 < min)

{

min = value2;

}

if (value3 < min)

{

min = value3;

}

return min;

}

public static void main(String[] args) {

int value1, value2, value3, min;

Scanner console = new Scanner(System.in);

// Let's provide a good Introduction

intro();

// Get the integers

value1 = readInt(console);

value2 = readInt(console);

value3 = readInt(console);

// Now calculate the minimum

min = calcMin(value1, value2, value3);

// Now report the results

System.out.println(" The minimum value of the three ints is " + min);

}

**Output**

This program determines the minimum of three ints

It gracefully reports errors when erroneous data is entered

For example, if you type in 'abc' when this program asked for an int

the program will report the error & ask for another int

Try giving it bad input !

Please enter an integer value $

Invalid input, please enter Int 12

Please enter an integer value g

Invalid input, please enter Int 15

Please enter an integer value /

Invalid input, please enter Int 25

The minimum value of the three ints is 12