**OUTPUTS**

**of MyLib.jar file,**

**created by student class CS 211S Irina Golovko**

**precondition:**

irinas-MacBook-Pro:Desktop irinagolovko$ javac -O -d . MyLib.java

irinas-MacBook-Pro:Desktop irinagolovko$ jar -cvf MyLib.jar MyPackage

added manifest

adding: MyPackage/(in = 0) (out= 0)(stored 0%)

adding: MyPackage/MyLib.class(in = 1886) (out= 1099)(deflated 41%)

irinas-MacBook-Pro:Desktop irinagolovko$ rm -rf MyPackage

irinas-MacBook-Pro:Desktop irinagolovko$ javac -cp MyLib.jar:. DemoMyLib.java

**Testing Methods in MyLib.jar with 2 and more arguments.**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Sum 3 and 12 = 15

Sum(3,10,101,14,18) = 146

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Substract 15 and 10 = 5

Substract (100, 13, 25, 17) = 45

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Divide 100/2/25 = 2.0

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Divide 1000/5/10/1/4/2 = 2.5

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Multiple (1,10,9,100) = 9000

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Multiple (12, 15) = 180

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Print 'banana' with print method:

banana

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Print 'banana', 'apple', 'banana' with 'println ':

banana apple banana

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Print 'cat' with 'println ':

cat

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Print with 'println' without parameters':

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Print output of 'die method':

Invalid argument

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing Method ‘add’ with 1 argument.**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Sum 3 and 12 = 15

Sum(3,10,101,14,18) = 146

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Add with one argument 3 =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing Method ‘add’ without argument.**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Sum 3 and 12 = 15

Sum(3,10,101,14,18) = 146

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Add without any arguments =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing ‘subtract’ with one argument.**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Substract 15 and 10 = 5

Substract (100, 13, 25, 17) = 45

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Substruct with one argument 10 =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing ‘subtract’ without argument.**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Substract 15 and 10 = 5

Substract (100, 13, 25, 17) = 45

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Substruct without argument =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing ‘divide’ with one of the arguments = zero**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Divide 100/2/25 = 2

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Divide 1000/5/10/1/4/2 = 2.5

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Divide 100/10/0 =

Error: We cannot divide by zero.

**Testing ‘divide’ with one argument**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Divide 100/2/25 = 2

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Divide 1000/5/10/1/4/2 = 2.5

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Divide with one argument 10 =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing ‘divide’ without any arguments**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Divide 100/2/25 = 2

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Divide 1000/5/10/1/4/2 = 2.5

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Divide without any arguments =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing ‘multiple’ with one argument**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Multiple (1,10,9,100) = 9000

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Multiple (12, 15) = 180

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Multiple with one argument 10 =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$

**Testing ‘multiple’ without any arguments**

irinas-MacBook-Pro:Desktop irinagolovko$ java -cp MyLib.jar:. DemoMyLib

Multiple (1,10,9,100) = 9000

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Multiple (12, 15) = 180

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Multiple without argument =

Error: not enough arguments.

It supposed to be no less then 2.

irinas-MacBook-Pro:Desktop irinagolovko$