**EXERCICE**

**Create an algorithm to add all odd numbers from 1 to 100**

INPUT

1. Declare index=1.
2. Declare sum=0.

PROCESS

1. Repeat next steps until index be greater than 100.
2. Add index plus 2.
3. Add suma plus index.

OUTPUT

1. Show suma in the console.

**EXERCICE**

**Create an algorithm to add even numbers from 1 to 100**

INPUT

1. Declare index=2.
2. Declare sum=0.

PROCESS

1. Repeat next steps until index be greater than 100.
2. Add index plus 2.
3. Add suma plus index.

OUTPUT

1. Show suma in the console.

**EXERCICE**

**Create an algorithm to add all numbers between 2 arbitrary numbers**

INPUT

1. Declare number1.
2. Declare number2.

PROCESS

1. Set index= number1
2. Repeat next steps until index be greater than number2.
3. Add index plus 1.
4. Add suma plus index.

OUTPUT

1. Show suma in the console.

**EXERCICE**

**You are required to read about his method and create an algorithm to add numbers between 1 and 100 using Gauss method.**

INPUT

1. Declare N.
2. Declare S.

PROCESS

1. Define N.
2. Process using Gauss Formula

OUTPUT

1. Show result in the console.