Please insert matrix size:

100

Platform number 1:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Platform number 2:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Selected platform name is: Intel(R) OpenCL

Selected device name is: Intel(R) Iris(R) Plus Graphics 640

Creating context was successful.

Reading file 'GaussJordanMain.cl' (size 3561 bytes)

Program was built successfully.

Creating command queue with properties was successful.

Optimizing division row portion.

Creating kernel was successful.

Creating buffers was successful.

Passing kernel args was successful.

Minimum division time 0.005083ms was achieved by dividing 2 numbers in each instance of the kernel.

Optimizing elimination matrix portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum elimination time 0.012166ms was achieved by eliminating 2 by 2 matrix in each instance of the kernel.

Optimizing elimination pivot column portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum pivot column elimination time 0.005250ms was achieved by eliminating 2 numbers in each instance of the kernel.

Inversion.

Matrices are too large to printf on screen. See the CSV file in project folder.

Creating buffers was successful.

Creating div kernel was successful.

Passing div kernel args was successful.

Creating diagdiv kernel was successful.

Passing duagdiv kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim pivot kernel args was successful.

Inversion execution took 65.259844ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Sequential inversion:

Sequential inversion execution took 17.999575ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Press any key to continue . . .

Please insert matrix size:

1000

Platform number 1:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Platform number 2:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Selected platform name is: Intel(R) OpenCL

Selected device name is: Intel(R) Iris(R) Plus Graphics 640

Creating context was successful.

Reading file 'GaussJordanMain.cl' (size 3561 bytes)

Program was built successfully.

Creating command queue with properties was successful.

Optimizing division row portion.

Creating kernel was successful.

Creating buffers was successful.

Passing kernel args was successful.

Minimum division time 0.005416ms was achieved by dividing 2 numbers in each instance of the kernel.

Optimizing elimination matrix portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum elimination time 0.686666ms was achieved by eliminating 1 by 1 matrix in each instance of the kernel.

Optimizing elimination pivot column portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum pivot column elimination time 0.010583ms was achieved by eliminating 3 numbers in each instance of the kernel.

Inversion.

Matrices are too large to printf on screen. See the CSV file in project folder.

Creating buffers was successful.

Creating div kernel was successful.

Passing div kernel args was successful.

Creating diagdiv kernel was successful.

Passing duagdiv kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim pivot kernel args was successful.

Inversion execution took 1066.558715ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Sequential inversion:

Sequential inversion execution took 13222.074895ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Press any key to continue . . .

Please insert matrix size:

2000

Platform number 1:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Platform number 2:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Selected platform name is: Intel(R) OpenCL

Selected device name is: Intel(R) Iris(R) Plus Graphics 640

Creating context was successful.

Reading file 'GaussJordanMain.cl' (size 3561 bytes)

Program was built successfully.

Creating command queue with properties was successful.

Optimizing division row portion.

Creating kernel was successful.

Creating buffers was successful.

Passing kernel args was successful.

Minimum division time 0.006166ms was achieved by dividing 4 numbers in each instance of the kernel.

Optimizing elimination matrix portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum elimination time 1.922000ms was achieved by eliminating 4 by 4 matrix in each instance of the kernel.

Optimizing elimination pivot column portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum pivot column elimination time 0.017916ms was achieved by eliminating 5 numbers in each instance of the kernel.

Inversion.

Matrices are too large to printf on screen. See the CSV file in project folder.

Creating buffers was successful.

Creating div kernel was successful.

Passing div kernel args was successful.

Creating diagdiv kernel was successful.

Passing duagdiv kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim pivot kernel args was successful.

Inversion execution took 4705.761062ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Sequential inversion:

Sequential inversion execution took 112178.749392ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Press any key to continue . . .

Please insert matrix size:

5000

Platform number 1:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Platform number 2:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Selected platform name is: Intel(R) OpenCL

Selected device name is: Intel(R) Iris(R) Plus Graphics 640

Creating context was successful.

Reading file 'GaussJordanMain.cl' (size 3561 bytes)

Program was built successfully.

Creating command queue with properties was successful.

Optimizing division row portion.

Creating kernel was successful.

Creating buffers was successful.

Passing kernel args was successful.

Minimum division time 0.008000ms was achieved by dividing 5 numbers in each instance of the kernel.

Optimizing elimination matrix portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum elimination time 19.983083ms was achieved by eliminating 1 by 1 matrix in each instance of the kernel.

Optimizing elimination pivot column portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum pivot column elimination time 0.033416ms was achieved by eliminating 2 numbers in each instance of the kernel.

Inversion.

Matrices are too large to printf on screen. See the CSV file in project folder.

Creating buffers was successful.

Creating div kernel was successful.

Passing div kernel args was successful.

Creating diagdiv kernel was successful.

Passing duagdiv kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim pivot kernel args was successful.

Inversion execution took 114036.776995ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Sequential inversion:

Sequential inversion execution took 1763313.749896ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Press any key to continue . . .

Please insert matrix size:

10000

Platform number 1:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Platform number 2:Intel(R) OpenCL

-Device number 1: Intel(R) Iris(R) Plus Graphics 640

Selected platform name is: Intel(R) OpenCL

Selected device name is: Intel(R) Iris(R) Plus Graphics 640

Creating context was successful.

Reading file 'GaussJordanMain.cl' (size 3561 bytes)

Program was built successfully.

Creating command queue with properties was successful.

Optimizing division row portion.

Creating kernel was successful.

Creating buffers was successful.

Passing kernel args was successful.

Minimum division time 0.008666ms was achieved by dividing 4 numbers in each instance of the kernel.

Optimizing elimination matrix portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum elimination time 74.021666ms was achieved by eliminating 1 by 1 matrix in each instance of the kernel.

Optimizing elimination pivot column portion.

Creating kernel was successful.

Passing kernel args was successful.

Minimum pivot column elimination time 0.103750ms was achieved by eliminating 60 numbers in each instance of the kernel.

Inversion.

Matrices are too large to printf on screen. See the CSV file in project folder.

Creating buffers was successful.

Creating div kernel was successful.

Passing div kernel args was successful.

Creating diagdiv kernel was successful.

Passing duagdiv kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim kernel args was successful.

Creating diagdiv kernel was successful.

Passing elim pivot kernel args was successful.

Inversion execution took 859097.082587ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Sequential inversion:

Sequential inversion execution took 12608353.889351ms.

Outputting results matrix.

Matrices are too large to printf on screen. See the CSV file in project folder.

Press any key to continue . . .