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| **Subject Code: CSCI376** |  |
| **Subject Name: Multicore and GPU Programming** |  |
| **Submission Type: Online** |  |
| **Assignment Title: Assignment #1** |  |
| **Student Name: Sania Shehzad, Keshav Mathur** |  |
| **Student Number: 5981384, 5773878** |  |
| **Student Phone/Mobile No.: 0563558464** |  |
| **Student E-mail:** [**ss430@uowmail.edu.au**](mailto:ss430@uowmail.edu.au)**,** [**km490@uowmail.edu.au**](mailto:km490@uowmail.edu.au) |  |
| **Lecturer Name: Abdelghani Benharref** |  |
| **Due Date: 15/05/2021** |  |
| **Date Submitted: 14/05/2021** |  |

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| **PLAGIARISM:** The penalty for deliberate plagiarism is FAILURE in the subject. Plagiarism is cheating by using the written ideas or submitted work of someone else. UOWD has a strong policy against plagiarism.  The University of Wollongong in Dubai also endorses a policy of non-discriminatory language practice and presentation.  **PLEASE NOTE:**STUDENTS MUST RETAIN A COPY OF ANY WORK SUBMITTED | **DECLARATION:** I/We certify that this is entirely my/our own work, except where I/we have given fully-documented references to the work of others, and that the material contained in this document has not previously been submitted for assessment in any formal course of study. I/we understand the definition and consequences of plagiarism.  **Signature of Student:** |

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| |  | | --- | | **Optional Marks:** | | **Comments:** | |

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| |  |  | | --- | --- | | **Lecturer Assignment Receipt**(To be filled in by student and retained by Lecturer upon return of assignment) | | | **Subject:** | **Assignment Title:** | | **Student Name:** | **Student Number:** | | **Due Date:** | **Date Submitted:** | | **Signature of Student:** | | |

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| |  |  | | --- | --- | | **Student Assignment Receipt** (To be filled in and retained by Student upon submission of assignment) | | | **Subject:** | **Assignment Title:** | | **Student Name:** | **Student Number:** | | **Due Date:** | **Date Submitted:** | | **Signature of Lecturer** | | |

# Device Specification

GPU

* Device: NVIDIA GeForce RTX 2060
* Hardware version: OpenCL 3.0 CUDA
* Software version: 466.63
* Software version: OpenCL C 1.2
* Parallel compute units: 30

CPU

* Device: Intel(R) Core (TM) i7-9750H CPU @ 2.60GHz
* Hardware version: OpenCL 2.1 (Build 0)
* Software version: 7.6.0.1125
* Software version: OpenCL C 2.0
* Parallel compute units: 12

# Execution Time

# Conclusion

# Appendix

* To view excel sheet with execution times [F3INTH34RTED/Assignment2 (github.com)](https://github.com/F3INTH34RTED/Assignment2)