# Lab 03 – Worksheet

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| **Note:** Assumptions and logics should be explained separately in tasks after the task results. |

## Task 1

*Provide appropriately commented codes (Mention question part before each part)*

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| --- |
| **Task 1**  Code: |

*Add screenshot of your results (register)*

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|  |

## Task 2

*Provide appropriately commented codes (Mention question part before each part)*

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|  |

*Add screenshot of your results*

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| --- |
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## Task 3 Provide appropriately commented codes (Mention question part before each part)

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|  |

*Add screenshots of your results*

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| --- |
| *Memory Address before:*    *Memory Address after:* |

## Task 4 Provide appropriately commented codes

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|  |

*Add screenshots of your results*

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| *Results: in HEX:*      *in decimal:* |

# Lab 03 – Introduction to RISC V Assembly (Jumps and Returns)

# Assessment Rubrics

# Points Distribution

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| --- | --- | --- | --- |
| **Task No.** | **LR2** **Code** | **LR5** **Results** | **AR7** **Report** **Submission and Git Upload** |
| **Task 1** | /10 | /05 | /10 & /10 |
| **Task 2** | /10 | /10 |
| **Task 3** | /10 | /10 |
| **Task 4** | /15 | /10 |
| **Total Points** | /100 Points | | |
| **CLO Mapped** | CLO 2 | | |

*For description of different levels of the mapped rubrics, please refer the provided Lab Evaluation Assessment Rubrics and Affective Domain Assessment Rubrics.*

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| --- | --- | --- | --- | --- | --- |
| **#** | **Assessment Elements** | **Level 1: Unsatisfactory**  **Points 0-1** | **Level 2: Developing**  **Points 2** | **Level 3:Good**  **Points 3** | **Level 4:Exemplary**  **Points 4** |
| **LR2** | **Program/Code/ Simulation Model/ Network Model** | Program/code/simulation model/network model does not implement the required functionality and has several errors. The student is not able to utilize even the basic tools of the software. | Program/code/simulation model/network model has some errors and does not produce completely accurate results. Student has limited command on the basic tools of the software. | Program/code/simulation model/network model gives correct output but not efficiently implemented or implemented by computationally complex routine. | Program/code/simulation /network model is efficiently implemented and gives correct output. Student has full command on the basic tools of the software. |
| **LR5** | **Results & Plots** | Figures/ graphs / tables are not developed or are poorly constructed with erroneous results. Titles, captions, units are not mentioned. Data is presented in an obscure manner. | Figures, graphs and tables are drawn but contain errors. Titles, captions, units are not accurate. Data presentation is not too clear. | All figures, graphs, tables are correctly drawn but contain minor errors or some of the details are missing. | Figures / graphs / tables are correctly drawn and appropriate titles/captions and proper units are mentioned. Data presentation is systematic. |
| **AR9** | **Report** | All the in-lab tasks are not included in report and / or the report is submitted too late. | Most of the tasks are included in report but are not well explained. All the necessary figures / plots are not included. Report is submitted after due date. | Good summary of most the in-lab tasks is included in report. The work is supported by figures and plots with explanations. The report is submitted timely. | Detailed summary of the in-lab tasks is provided. All tasks are included and explained well. Data is presented clearly including all the necessary figures, plots and tables. |