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| **Program:** | NEXUS Program |
| **Year:** | 2020-2021 |

Assignment # 7   
SDL - Project Worksheet

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| **Your Name:** | Aakanksha Mandal |

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| 1. What is the **topic** you have chosen as your Self-Directed Learning Project? Narrow it down if applicable. |
| My topic is coding. My narrowed down topic is making a basic application using Java. |
| 1. What are your SMART goals? Ensure that all aspects of SMART are captured in your answer below.   **RECALL: S - Specific, M - Measurable, A - Attainable, R - Relevant and T - Time Bound** |
| I want to **learn the basics of Java** to create a **functioning basic application that display three buttons and once clicked on one will display a text message indicating which button was clicked on Android Studio** by **December 15, 2020 by spending 4 hours each week following along with YouTube tutorials.** |
| 1. Provide a list of the specific resources you have found/identified that you will use to complete your DSL Project, and how much time you will spend using each resource. This can include books, journal articles, YouTube links, etc. Create more rows as needed. |
| |  |  | | --- | --- | | **Resource(s)** | **Expected Time/Pages** | | https://www.youtube.com/watch?v=eIrMbAQSU34&list=PLifRD9fDsSApK\_KpJmod\_fmOD9cU2B2zb&index=2&t=26s | 3:00:00 | | https://www.youtube.com/watch?v=GoXwIVyNvX0&list=PLifRD9fDsSApK\_KpJmod\_fmOD9cU2B2zb&index=1&t=15s | 4:00:00 | | https://www.youtube.com/watch?v=FfgQRjR7YXY&list=PLifRD9fDsSApK\_KpJmod\_fmOD9cU2B2zb&index=3 | 1:00:00 | | https://www.youtube.com/watch?v=TjaItCBWDgs | 00:10:00 (double checking my code) | |

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| 1. Does your SDL Project require any **resources** that you need to make **arrangements** for? If so, list them here. For example, does it require you to download a software, purchase a book, purchase supplies? |

To do this I will also need to: **download Android Studio** on my laptop, and **Create a folder** just for Java related topics on my laptop.

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| 1. Can your SLD Project be broken down into **subtasks**? If so, provide a breakdown of your subtasks below. You can think of this as a “to-do” list that will help you achieve your project. |

To do this, I will need to complete the following tasks:

1. Download Android Studio.
2. Set up Android Studio using Youtube videos.
3. Watch the Java Tutorial For Beginners 2020 (2 hrs 30 mins).
4. Watch Intro to Java Programming - Course for Absolute Beginners (3 hrs 48 minutes).
5. Watch How to Create Your First Android App in Android Studio (9 mins 48 secs).
6. Watch how to Create Your First Android Application Using Java (36 mins 53 secs).
7. Create the app using the videos.
8. Run the app.
9. Make any changes required.
10. Check for bugs and errors.
11. Search how to solve the bugs and errors.
12. Ask everyone for feedback.
13. Make changes, if required.
14. Submit.

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| 1. Schedule in the subtasks and resource arrangements from questions 4 and 5 into your Google Calendar or on Trello between today and Dec 15, 2020. Take screenshots of your monthly Google Calendar or Trello Board which shows these tasks and paste the screenshot in the space provided below. |

## Policy Statements

## 2.1 Academic Misconduct Policy - PlagiarismAcademic misconduct is broadly defined as “an offence against the academic integrity of the learning environment”. Plagiarism, broadly defined as misrepresenting the work of another as your own, is one form of academic misconduct, which is prohibited in Mathstronauts programs. All program participants are responsible for acting ethically, honestly and with integrity, pertaining to their academics. As such, the academic misconduct of plagiarism will not be tolerated and is subject to penalties if detected.

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