Logo

Description automatically generated

<21/SP-COP-2800-55633> Java Programming

**<Assignment 4-15>**

Document Version: 0.1

Version Date: <September 15, 2022>

Created By: Shadarien Williams

* Document Version Control

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| Version | Date | Author | Rationale |
| 0.1 | 2022 Sep 4 | Shadarien Williams | First Draft |

* Document Purpose

The purpose of this document is to write a program that prompts the user to enter a character and determines whether said character is a vowel, consonant, or a valid character at all.

* Technical Specifications

Purpose of Technical Implementation

The purpose of this implementation is to supply a quick and efficient way to determine if user input is viable with current object and provide an output showing the type of data entered and the status (valid or invalid)

Technical Implementation Pseudocode:

*Program start*

*Prompt user to enter character*

*Created method “detectChar”*

*Method start:*

*Converted user input to lower cas*

*Converted input to an array and grabbed the first character*

*Created a case for each vowerl and provided an out script*

*Checked to see `if` the character is in the alphabet, if not provide a prompt to the user stating this is not valid*

*Program end*

Screenshot of working code:

A screenshot of a computer

Description automatically generated with medium confidence