

**COP-2800: Java Programming**

**Assignment 5.7**

Document Version: 0.1

Version Date: October 4th 2023

Created By: Stanley Hinde

# Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Rationale |
| 0.1 | 2022 JAN 9 | Francis Fiskey | First Draft |

# Technical Specifications

## Purpose of Technical Implementation

The purpose of this program is to calculate 10 years worth of APY of $10000. For this purpose is for tuition but can be used for anything else.

<**Example**: The purpose of this implementation is to provide a quick and efficient way to update pages without the need for a “full” build to Production. Deploying a new “build” to production can represent a large time loss when critical updates to front end pages is required.

## Psuedocode

Public class App

Public void

Intitaltuition = 10000

Annualincrease = 0.05

Numberofyears = 10

Yearsafterten = 4

Totalcostaftr10 = 0

General calculation

Print chart

## Screenshot of working code

A screen shot of a number

Description automatically generated