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Introduction to Programming

Professor George

INSY - 2403

Week 2 Assignment

## GPA Calculator Pseudocode

ASK User for Number of classes they have to input

STORE Number of classes

HANDLE Exceptions

ASK User for Number of Credit hours did the course have

STORE Credit Hours

START Accumulator = Total hours accumulated + Inputted Hours = Total Hours

HANDLE Exceptions

OUTPUT Chart for grades A – F

ASK User to Enter Grade

STORE Grade

HANDLE Exceptions

ASK User if Grade was a plus or a minus or neither

HANDLE Exceptions

STORE Grade Adjustment

If plus add 0.3 to Grade

Else if minus subtract 0.3 from grade

Else Leave grade as is

START Accumulator = MULTIPLY Grade \* Credit hours = Accumulated Points

CALCULATE GPA = Accumulated Points / Total Credit Hours

ADD ++ to # of Classes inputted to move to next class

OUTPUT Total Credit Hours, GPA