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# CPTS 111
# Lab 6
# Task 1 Grades Revisited

def get_scores():
    exam1 = float(input('Exam 1 score: '))
    exam2 = float(input('Exam 2 score: '))
    final = float(input('Final score: '))
    prog_assign = float(input('Programming assignments score: '))
    zyPA = float(input('zyBooks participation activities: '))
    zyCA = float(input('zyBooks challenge activities score: '))
    microassign = float(input('Microassignments score: '))
    lab = float(input('Lab score: '))
    return exam1, exam2, final, prog_assign, zyPA, zyCA, microassign, lab

def calc_score(exam1, exam2, final, prog_assign, zyPA, zyCA, microassign, lab):
    overall_score = .12*(exam1 + exam2) + .12*final + .25*prog_assign + .08*zyPA + .04*zyCA + .12*microassign + .15*lab
    return overall_score

def calc_grade(overall_score):
    if overall_score >= 95 and overall_score <= 100:
        return 'A'
    elif overall_score >= 90 and overall_score <= 94:
        return 'A-'
    elif overall_score >= 85 and overall_score <= 89:
        return 'B+'
    elif overall_score >= 80 and overall_score <= 84:
        return 'B'
    elif overall_score >= 75 and overall_score <= 79:
        return 'B-'
    elif overall_score >= 70 and overall_score <= 74:
        return 'C+'
    elif overall_score >= 65 and overall_score <= 69:
        return 'C'
    elif overall_score >= 60 and overall_score <= 64:
        return 'C-'
    elif overall_score >= 50 and overall_score <= 59:
        return 'D'
    else:
        return 'F'

def main():
    exam1, exam2, final, prog_assign, zyPA, zyCA, microassign, lab = get_scores()
    overall_score = calc_score(exam1, exam2, final, prog_assign, zyPA, zyCA, microassign, lab)
    letter_grade = calc_grade(overall_score)
    print('Your score for Cpts 111 is: ', overall_score)
    print('Your grade for Cpts 111 is: ', letter_grade)

main()
```