**SIMON BOATENG, 54272024**

**ASSIGNMENT REPORT SHEET**

**TEST CASES FOR PROBLEM 1**

**Test cases for the function: letter\_grade**

test1=letter\_grade(85)

test2=letter\_grade(72)

test3=letter\_grade(66)

test4=letter\_grade(75)

test5=letter\_grade(52)

test6=letter\_grade(35)

test7=letter\_grade(60)

test8=letter\_grade(58)

print("test1: ", test1)

print("test2: ", test2)

print("test3: ", test3)

print("test4: ", test4)

print("test5: ", test5)

print("test6: ", test6)

print("test7: ", test7)

print("test8: ", test8)

**Output**

HP@SIMON-BOATENG MINGW64 ~/Desktop/Asiignment 2, CPCS (master)

$ C:/Users/HP/.virtualenvs/HP-ZnkaMPpi/Scripts/python.exe "c:/Users/HP/Desktop/Asiignment 2, CPCS/problem1.py"

test1: ('A⁺', 4.0)

test2: ('B', 3.0)

test3: ('C⁺', 2.5)

test4: ('B⁺', 3.5)

test5: ('D', 1.0)

test6: ('E', 0.0)

test7: ('C', 2.0)

test8: ('D⁺', 1.5)

**Test cases for the function: honour\_categories**

check1=honour\_categories(3.89)

check2=honour\_categories(3.77)

check3=honour\_categories(3.65)

print("check1: ", check1)

print("check2: ", check2)

print("check3: ", check3)

**Output**

check1: Summa Cum Laude

check2: Magna Cum Laude

check3: Cum Laude

**TEST CASES FOR PROBLEM 2**

**Test cases using a test function that calls the mouse\_clicks function**

def test():

    test1=mouse\_clicks(70,65)

    test2=mouse\_clicks(-100,65)

    test3=mouse\_clicks(30,85)

test()

**Output**

You missed all the targets, Try again

Your total score is 0

You hit white and scored 1 pts

Your total score is 1

You hit black and scored 3 pts

Your total score is 4

**TEST CODE FOR PROBLEM 3**

Flower2=draw\_flower(90, 160)

flower3=draw\_flower(90, 70)

**A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated**output