Prelim.py > Function3

```python
#Jayvee N Mapote

def WordNumber():
    a = str(input("Enter a String: "))
    b = int(input("Enter a Interger: "))
    c = a*b
    print(a,str(b))
    print(a.capitalize(),str(b))
    print(a.upper())
    print(a.lower())
    print(a*b)
    print(c)

def Calculator():

    a = int(input("Enter First number: "))
    b = int(input("Enter Second number: "))
    print("Sum: " + str(a+b))
    print("Difference: " + str(a-b))
    print("Product: " + str(a*b))
    print("Quotient: " + str(a/b))
    print("Modulo: " + str(a%b))
    print("Raise: " + str(a**b))

def Function3():

    Course_code = []
    Course_grade = []
    Course_unit = []
    i = 0
    x = 0
    z=0
    Name = str(input("Enter your name: "))
    Student_number = str(input("Enter your Student Number: "))
    Program = str(input("Enter your Program: "))
    Units = int(input("Enter your Units enrolled: "))
    if Units >= 12 and Units <=18:
        print()
    else:
        print("Wrong Input!")
        Function3()
    while i <= 0:
        Course_code.append(str(input("Enter your Course Code: ")))
        Course_grade.append(float(input("Enter your Course Grade: ")))
        Course_unit.append(int(input("Enter your Units: ")))
        if Course_unit[z] >5:
            print("Wrong Input")
            Function3()
            z+1
        i = int(input("Enter 1 if you're done else type 0: "))
        y = len(Course_grade)
        z = 0
    while z < y:
        x += (Course_grade[z]*Course_unit[z])
        z+=1
    z=0
    for k in range(y):
        if Course_grade[z] < 5:
            a = 1
        else:
            a = 0
        z+=1
    Course_unit = ['%.2f' % elem for elem in Course_unit]
    Course_grade = ['%.2f' % elem for elem in Course_grade]
    gwa = x/Units
    print("\n\n\nStudent Name: " + Name)
    print("Student Number: " + Student_number)
    print("Program: " + Program)
    print("\n")
    z=0
    print("CourseCode\tUnits\tGrades")
    for k in range(y):
        print(str(Course_code[z])+"\t\t",str(Course_unit[z])+"\t",str(Course_grade[z]))
        z+=1
    print("\n")
    print("Total Units: " + str(Units))
    if gwa <= 1.50 and a == 1:
        print("General Weighted Average: " + str(gwa))
        print("Lister Status: President's Lister")
    elif gwa <= 1.75 and a == 1:
        print("General Weighted Average: " + str(gwa))
        print("Lister Status: Dean's Lister")
    elif gwa > 1.75 and a == 1:
        print("General Weighted Average: " + str(gwa))
        print("Lister Status: Parent's Lister")
    else:
        print("N/A")

#A loop for the program to keep running
while True:
```

```
C:\WINDOWS\py.exe
1. WordNumber
2. Calculator
3. Grading System

Enter Selection: 1

Enter a String: Word
Enter a Interger: 5
Word 5
Word 5
WORD
word
WordWordWordWordWord
WordWordWordWordWord

1. WordNumber
2. Calculator
3. Grading System

Enter Selection: 2

Enter First number: 2
Enter Second number: 2
Sum: 4
Difference: 0
Product: 4
Quotient: 1.0
Modulo: 0
Raise: 4
```

```
Enter Selection: 3

Enter your name: Kenneth Kim P. Castro
Enter your Student Number: 2014109002
Enter your Program: COE
Enter your Units enrolled: 15

Enter your Course Code: CS002P
Enter your Course Grade: 1
Enter your Units: 2
Enter 1 if you're done else type 0: 0
Enter your Course Code: HUM016
Enter your Course Grade: 1.25
Enter your Units: 3
Enter 1 if you're done else type 0: 0
Enter your Course Code: MATH023
Enter your Course Grade: 1.50
Enter your Units: 3
Enter 1 if you're done else type 0: 0
Enter your Course Code: PHY022
Enter your Course Grade: 1.50
Enter your Units: 3
Enter 1 if you're done else type 0: 0
Enter your Course Code: PHY022L
Enter your Course Grade: 1
Enter your Units: 1
Enter 1 if you're done else type 0: 0
Enter your Course Code: SS016
Enter your Course Grade: 1
Enter your Units: 3
Enter 1 if you're done else type 0: 1
```

```
Student Name: Kenneth Kim P. Castro
Student Number: 2014109002
Program: COE


CourseCode      Units   Grades
CS002P           2.00    1.00
HUM016           3.00    1.25
MATH023          3.00    1.50
PHY022           3.00    1.50
PHY022L          1.00    1.00
SS016            3.00    1.00


Total Units: 15
General Weighted Average: 1.25
Lister Status: President’s Lister
```