Benjamin Harrison

Lesson 6 assignment

Source code :

def getnames(student\_info):

    print("Obtaining student name list")

    for student in student\_info:

        print(student)

def getstudentinfo(student\_info):

    print("Obtaining Student Information")

    print("Name\t\tID\t\tGPA\t\tCredits Completed\t\tGrades")

    for key, value in student\_info.items():

        print(f"{key}\t\t{value['id']}\t\t{value['gpa']}\t\t\t{value['credits\_completed']}\t\t{value['grades']}")

def removestudent(student\_info):

    print("removing Ben from database for being too cool")

    student\_info.pop('Ben')

    print(student\_info)

def getstudentgpa(student\_info):

    print("retrieving GPA for Josh")

    getgpa = (student\_info.get('Josh').get('gpa',))

    print (getgpa)

def graduate(student\_info):

    print("class has graduated cleaning database")

    student\_info.clear()

    print(student\_info)

def main():

    Student\_info = {}

    Student\_info['Josh'] = {

        'id': 1,

        'gpa': 3.4 ,

        'credits\_completed' : 78 ,

        'grades': [100, 90, 85, 92]

        }

    Student\_info['Ben'] = {

        'id': 2,

        'gpa': 3.5,

        'credits\_completed': 79,

        'grades': [100, 91, 86, 93]

    }

    print(Student\_info)

    getnames(Student\_info)

    getstudentinfo(Student\_info)

    removestudent(Student\_info)

    getstudentgpa(Student\_info)

    graduate(Student\_info)

    # print(Student\_info.get('Ben').get('ids','Student ID does not exist, please try a diffrent student'))

if \_\_name\_\_ == "\_\_main\_\_":

    main()

print("completed by Benjamin Harrison")

Screen shot of code:

A screenshot of a computer program

Description automatically generated

A computer screen shot of a program code

Description automatically generated

Screen shot of terminal:

A black screen with colorful text

Description automatically generated