

Geo Grades 2 - Final Grade

```
import sys
#import math

NUMBER_OF_GRADES = float(3)

def final_grade(avg_geo_grade):
    final_grades = round(avg_geo_grade)
    if final_grades - avg_geo_grade == 0.5: # avg grade = 5.5 --> 6.0, avg grade
        return final_grades
    elif final_grades - avg_geo_grade < 0 and abs(final_grades - avg_geo_grade) <=
0.25:
        return final_grades
    elif final_grades - avg_geo_grade < 0 and abs(final_grades - avg_geo_grade) > 0.25:
        return final_grades + 0.5
    elif final_grades - avg_geo_grade > 0 and abs(final_grades - avg_geo_grade) <=
0.25:
        return final_grades
    elif final_grades - avg_geo_grade > 0 and abs(final_grades - avg_geo_grade) > 0.25:
        return final_grades - 0.5

def avg_geo_grade(sum_of_grades):
    avg_geo_grade = sum_of_grades / NUMBER_OF_GRADES
    return final_grade(avg_geo_grade)

def read_grades():
    for line in sys.stdin.readlines():
        index_name = line.index("_")
        # print(line[:index_name])
        index_grades = line.rfind("_")
        grades = line[index_grades + 1:]
        grades = grades.split()
        #print(grades)
        # print(index_name)
        sum_of_grades = 0
        for number in grades:
            sum_of_grades += float(number)

        #print(sum_of_grades)
        print("%s has an average grade of %.1f" % (line[:index_name],
avg_geo_grade(sum_of_grades)))
print("Report for group 2b")
read_grades()

print("End of report")
```