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with open("student_name.csv","r") as file:
    data = file.readlines()

data = [row.strip().split(",") for row in data[1:]]

math_grade = [float(row[3]) for row in data]
eng_grade = [float(row[4]) for row in data]
sci_grade = [float(row[5]) for row in data]
comp_grade = [float(row[6]) for row in data]
amp_grade = [float(row[7]) for row in data]

def average(a_list):
    sum = 0
    for element in a_list:
        sum += element
    return sum/len(a_list)

def max(a_list):
    max = 0
    for element in a_list:
        if element > max:
            max = element
    return max

def min(a_list):
    min = 100
    for element in a_list:
        if element < min:
            min = element
    return min

def sum(a_list):
    sum = 0
    for marks in a_list:
        sum += marks
    return marks

def per(data):
    for student in data:
        per =
(float(student[3])+float(student[4])+float(student[5])+float(student[6])+float
(student[7]))/5
        print(student[1],"-",per,"%")

print("Total number of students:" , len(data) , "\n")
print(data)
print("\nMathematics")
print("Average" , (average(math_grade)))

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print("Maximum" , max(math_grade))
print("Minimum" , min(math_grade))
print("\n")

print("English")
print("Average" , (average(eng_grade)))
print("Maximum" , max(eng_grade))
print("Minimum" , min(eng_grade))
print("\n")

print("Science")
print("Average" , (average(sci_grade)))
print("Maximum" , max(sci_grade))
print("Minimum" , min(sci_grade))
print("\n")

print("Computer")
print("Average" , (average(comp_grade)))
print("Maximum" , max(comp_grade))
print("Minimum" , min(comp_grade))
print("\n")

print("Apptitude")
print("Average" , (average(amp_grade)))
print("Maximum" , max(amp_grade))
print("Minimum" , min(amp_grade))

print("\nStudent Percentage\n")
per(data)

```

Output

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Total number of students: 10

[['1', 'Abraham', '2021', '98', '73', '92', '95', '80'], ['2', 'John', '2022',
'65', '98', '68', '87', '75'], ['3', 'Joseph', '2023', '68', '75', '76', '57',
'65'], ['4', 'Trek', '2024', '94', '54', '85', '86', '85'], ['5', 'Hilda',
'2025', '35', '75', '45', '54', '85'], ['6', 'Alex', '2026', '94', '78', '43',
'86', '65'], ['7', 'Sasha', '2027', '78', '79', '85', '67', '70'], ['8',
'Lee', '2028', '64', '43', '92', '94', '70'], ['9', 'Joey', '2029', '34',
'57', '82', '78', '80'], ['10', 'Mary', '2030', '84', '82', '78', '64', '85']]

Mathematics
Average 71.4
Maximum 98.0
Minimum 34.0

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English

Average 71.4

Maximum 98.0

Minimum 43.0

Science

Average 74.6

Maximum 92.0

Minimum 43.0

Computer

Average 76.8

Maximum 95.0

Minimum 54.0

Apptitude

Average 76.0

Maximum 85.0

Minimum 65.0

Student Percentage

Abraham - 87.6 %

John - 78.6 %

Joseph - 68.2 %

Trek - 80.8 %

Hilda - 58.8 %

Alex - 73.2 %

Sasha - 75.8 %

Lee - 72.6 %

Joey - 66.2 %

Mary - 78.6 %