**IPO chart:**

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| --- | --- | --- |
| Input: | Processing: | Output: |
| lastName: Student's last name (user input).  examScores: List of three exam scores (user input). | calculateExamStats(scores): A function that takes scores as input, calculates the totalPoints and averageScore, and returns both. | totalPoints: The calculated total points from the exam scores.  averageScore: The calculated average exam score. |

**Code:**

def calculateExamStats(scores):

totalPoints = sum(scores)

averageScore = totalPoints / len(scores)

return totalPoints, averageScore

def main():

lastName = input("Enter student's last name: ")

examScores = []

for i in range(3):

score = float(input(f"Enter exam score {i + 1}: "))

examScores.append(score)

totalPoints, averageScore = calculateExamStats(examScores)

print("\nStudent Information:")

print(f"Last Name: {lastName}")

print("Exam Scores:", examScores)

print("\nCalculated Results:")

print(f"Total Points: {totalPoints}")

print(f"Average Exam Score: {averageScore:.2f}")

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

main()