**IPO chart:**

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| --- | --- | --- |
| Input: | Processing: | Output: |
| lastName: Bowler's last name (user input).  gameScores: List of three game scores (user input).  handicap: Handicap value (user input). | calculateAverages(scores, handicap): A function that takes scores and handicap as input, calculates the averageScore and averageScoreWithHandicap, and returns both. | averageScore: The calculated average score.  averageScoreWithHandicap: The calculated average score with handicap. |

**Code:**

def calculateAverages(scores, handicap):

averageScore = sum(scores) / len(scores)

averageScoreWithHandicap = averageScore + handicap

return averageScore, averageScoreWithHandicap

def main():

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

gameScores = []

for i in range(3):

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

gameScores.append(score)

handicap = float(input("Enter handicap: "))

averageScore, averageScoreWithHandicap = calculateAverages(gameScores, handicap)

print("\nBowler Information:")

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

print("Game Scores:", gameScores)

print(f"Handicap: {handicap}")

print("\nCalculated Averages:")

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

print(f"Average Score with Handicap: {averageScoreWithHandicap:.2f}")

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

main()