

Example 2

Suppose the following table represents your marks in each category in this course. Calculate your final mark.

Category	Weight	Student's Mark (%)
Tests/Quizzes	40	74
Reports	20	80
Culminating Project	20	78
Final Exam	20	68

↑
w

↑
x

$$\bar{x} = \frac{\sum xw}{\sum w}$$

$$= \frac{74(40) + 80(20) + 78(20) + 68(20)}{40 + 20 + 20 + 20}$$

$$= 74.8\%$$

Homework:

- 1) Data Collection for ISP
- 2) Page 158 #1-6, 8, 12,13