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**Video Lecture 5 Prep Assignment**

1. Inputs:

RateMyProfessors Difficulty Score (d)

RateMyProfessors Quality Score (q)

Weighting factor (0-1) (w)

1. Outputs:

Joe Student score (j)

1. Mathematical formulas:

j= w\*q - (1-w)\*((d-3)^2)

1. Pseudo-code:

Input RateMyProfessors quality score into q

Input RateMyProfessors difficulty score into d

Input weight for q (between 0 and 1) into w

Calculate j = w\*q – (1-w)\*((d-3)^2)

Output j