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| In a certain class, a student’s grade is based on the average of their best 2 of 3 test scores (lowest score is dropped).  The minimum average for each letter grade is shown:  **A:90 B:80 C:65 D:50**  Write an algorithm to report a student’s letter grade |
| **Example**: Selection |

**Variables?**

* Test Scores: *score1, score2, score3*
* Lowest Score: *lowest*
* Average: *average*
* Letter Grade: *grade*

**Algorithm**

**Input** score1, score2, score3

lowest 🡨 score1

**if** score2 < lowest

lowest 🡨 score2

**if** score3 < lowest

lowest 🡨 score3

average 🡨 (score1 + score2 + score3 – lowest) / 2

grade 🡨 ‘F’

**if** (average >= 50)

grade 🡨 ‘D’

**if** (average >= 65)

grade 🡨 ‘C’

**if** (average >= 80)

grade 🡨 ‘B’

**if** (average >= 90)

grade 🡨 ‘A’

**Output** grade