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| --- | --- | --- |
| Input | Process | Output |
| # Ask user to input 5 test scores each of which is in the range 1-100. | # Initialize a variable to store average of the numeric scores.  # In a loop from 1 to 5, prompt user to enter a score that is in the range 1-100  # Calculate average of the scores.  # Pass the average to the function determine\_grade to figure out a letter grade and display it to the user. | # Program calculates the average and passes it to the function determine\_grade |

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1) **main function:**

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| --- | --- | --- |
| Input | Process | Output |
| # Takes in the test score average | # Based on the average value received, if conditions are used to determine the appropriate letter grade. For example, if the average value is between 90 and 100, the grade displayed to the user is A. | # The test score average along with the appropriate letter grade are both displayed to the user. Possible grades are A, B, C, D, and F. |

**2) determine\_grade:**