|  |  |  |
| --- | --- | --- |
| Input | Process | Output |
| Five numeric ratings from the user | Initialize total\_score to 0  Loop 5 times:  - Prompt for a score  - Validate score (0-10)  - Add valid score to total\_score  Calculate average\_score = total\_score / 5  Pass average\_score to determine\_stars function | Prompt for score  Error message if score is not 0-10  Calculate average score  Display average score  Call determine\_stars function |

`determine\_stars` function

|  |  |  |
| --- | --- | --- |
| Input | Process | Output |
| average\_score (float) | Check average\_score against rating thresholds  -Greater than 9: display "\*\*\*\*\*"  - 8.0 - 8.9: display "\*\*\*\*"  - 7.0 - 7.9: display "\*\*\*"  - 6.0 - 6.9: display "\*\*"  - 5.0 - 5.9: display "\*"  - Below 5.0: display "No stars" | Display number of stars- |