Else -if :

Definition: A series of if - else statements where each subsequent else has an if condition allowing multiple conditions to checked sequentially.

Grading System Program:

Algorithm:

1. Prompt the user to enter the mark between 0 and 100.

2. Read the input mark.

3. check if the mark is greater than or equal to 90:
    * if true print "Grade A".

4. check if the mark is greater than or equal to 80
    * if true print "Grade B".

5. check if the mark greater than or equal to 80, check if the mark is greater than or equal to 70
    * If true Print "Grade C".

6. Else -if the mark greater than or equal to 60.
    * Print "Grade D".

7. If the Mark is less than 60, Print "Grad E".

8. Close the Scanner.