

1. Write a program to prompt for a score between 0.0 and 1.0. If the score is out of range, print an error message. If the score is between 0.0 and 1.0, print a grade using the following table:

Score	Grade
0.9	A
0.8	B
0.7	C
0.6	D
<0.6	F

2. Generate an array in the range 0-10. If the value is less than 5 display $\log_{10}()$ of generated value else display square root of that value
3. Demonstrate an example for the usage of exceptional handling.