1. Write a program that will ask the user to enter a grade for a student and, using the *if…else* statement, will print out one of the following, depending on the grade entered:-

0-39	Fail
40-54	Pass
55-69	Merit
70-100	Distinction

2. Write a program which will prompt the user to enter an age and will determine the price of a cinema ticket based on the following table:

Under 12	Free
Under 18	5.00
Over 65	4.50
All others	6.00

3. Write a program that will display the effects of an earthquake based on the Richter scale values shown below. The program should read the Richter scale value from the user and display the appropriate effects:

Richter scale value	Effect
Less than 4	Little
4.0-4.9	Windows shake
5.0-5.9	Walls crack; poorly built buildings are destroyed
6.0-6.9	Chimneys tumble, some buildings are destroyed
7.0-7.9	Well-built buildings are damaged
More than 7.9	Most buildings are destroyed

4. Write a program that will read in a time in 24 hour format (in hours and minutes) and will convert and display the time as a.m. or p.m. If an invalid time is entered display an appropriate message.

Extra Practice Question

Write a program that will accept a person's details, (name, age and height) and will determine whether or not he/she is a suspect in a crime. The crime was committed by a person between 20 and 30 years of age and between 1.6 and 1.75 meters tall. The program should display one of the following messages depending on whether or not the person fits the description.

       Sean is a suspect and should be interrogated

or

       Sean is not a suspect and should be released