

Exercise 7– If ... else Statements

Challenge A

The speed limit is 30mph. Drivers travelling over the speed limit earn points on their driving license according to the following criteria:

Miles over speed limit	Points on license
1-9	3
10 - 15	6
16 - 30	9
Over 30mph	12

An example might look like this –

- What speed was the car travelling?
- [User inputs 39mph]
- Speed was 39mph
- Speed limit is 30mph
- You were driving 9 miles over the speed limit
- Points on license: 3

Challenge B - extension

Ask the user to type in an exam mark. Display the mark and a message of Distinction for a mark of 85 and above, Merit for a mark 65 to 84, Pass for a mark of 45 to 64 and below 45 display not yet passed.