

### Practical Test 3

- (1) You are given the formula for calculating the keyboarding speed:

speed = (words - 12 x errors) / time , where

speed = number of words per minute, words = number of words typed,

errors = number of mistakes and time = time in minutes

- (a) Write a program to calculate the speed if the number of words typed, the number of errors and the time are given.

Sample output:

Words -> 210

Errors -> 5 error(s)

Time -> 2 minute(s)

Your speed -> 75 words/minute

- (b) Write another program to find the total number of words typed, if the speed in words/minute, the number of errors and the time taken in minutes are given.

Sample output:

Speed -> 55 words/minute

Error -> 10 error(s)

Time -> 4 minute(s)

You typed 340 words.

- (2) Write a program to calculate the fees for a light vehicle driver to use the highway, 407 ETR. Assume that she drives for 35 km and the charge is 12.95 cents/km. There is a service charge of \$3.30 per trip for driving without a transponder. Calculate the total cost including gst and pst. Prepare a formula for calculating the fees for any one.

Output:

km	Charge	Transp	Total	gst	pst	Extended
100	0.1295	3.3	16.25	1.13	1.3	18.68