Section B

You are advised to spend no more than **20 minutes** on this section.

Enter your answers to **Section B** in your Electronic Answer Document.
You **must save** this document at regular intervals.

The question in this section asks you to write program code **starting from a new program/project/file**.

You are advised to save your program at regular intervals.

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0 1 A pangram is a sentence that containing every letter of the alphabet. A perfect pangram contains every letter only once.

Figure 1 shows an example of a pangram and **Figure 2** shows a non pangram along with the missing letters.

Figure 1

```
Input: The quick brown fox jumps over the lazy dog

Output: You have entered a pangram which contains
every letter in the alphabet at least once.
```

Figure 2

```
Input: A nymph from the woods grabs quick waltz

Output: Your sentence is not a pangram as it does
not contain the following letters: J, I, V, X
```

What you need to do

Task 1
Write a program that will identify a sentence as either a pangram or not a pangram. It should list the missing letters if it is not a pangram. The program should display a suitable prompt asking the user to input the sentence to use.

There is no need to check to see if the works are in a dictionary.

Task 2
Test the program by entering the sentence "`The five boxing wizards jump quickly`".

Task 3
Test the program by entering the sentence "`Pack my box with five dozen little jugs`".

Evidence that you need to provide
Include the following in your Electronic Answer Document.

0 1 . 1 Your PROGRAM SOURCE CODE.

[12 marks]

0 1 . 2 SCREEN CAPTURE(S) for the test showing the output of the program when "`The five boxing wizards jump quickly`" is entered.

[1 mark]

0 1 . 3 SCREEN CAPTURE(S) for the test showing the output of the program when "`Pack my box with five dozen little jugs`" is entered.

[1 mark]