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.

0 1 Morse code is a universally recognised method of transmission.

Figure 1 shows a table of morse code with corresponding capital letters.

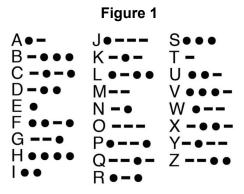


Figure 2

Input: AQA Input: Output: HELP

What you need to do

Task 1

Write a function called **EncodeMorse(Message)** which will convert a message into morse code. A space should be inserted between each letter. Write a second function called **DecodeMorse(Message)** which will convert morse code back into letters.

Write a program that allows a user to user a message and your program should convert accordingly as in Figure 2 above.

Task 2

Test the program by entering the sentence "COVIDINCREASING"

Task 3

Test the program by entering the sentence

	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 "COVIDINCREASING" is entered.	[1 mark]
0 1.3	SCREEN CAPTURE(S) for the test showing the output of the program when "" is entered.	[1 mark]