

## Questions About Translators

1. Alex has written a flight simulation game in a high level language.

Identify two types of translators that can turn high-level languages into machine code and describe the translation process for each one. (4 marks)

2. A company specialises in writing programs using low level languages.

- (a) Identify two reasons why some programmers still use low-level languages. (2 marks)

- (b) Explain why programmers might prefer to use an assembly language over machine code. (2 marks)

- (c) State the type of translator used to translate assembly languages into machine code. (1 mark)

3. Cleo is writing a program to find suitable recipes based on selected ingredients. Cleo has used a high-level programming language.

Describe 3 differences between high-level languages and low-level languages. (6 marks).