

KNOWLEDGE ORGANISER :: INTEGRATED DEVELOPMENT ENVIRONMENT (IDE)

IDEs HAVE FEATURES TO HELP PROGRAMMERS

An **Integrated Development Environment** includes different features that help a programmer create a piece of code

RUN-TIME ENVIRONMENT

Used to execute the code line by line

Translator – A Compiler, Interpreter or both to translate the source code into machine code

GUI Builder – Used to create a Graphic User Interface for the program

Auto-Documenter – Helps to write and produce maintenance documentation for the program

CODE EDITOR

Used for writing code line by line
Line number and code colouring help identify key parts of the code

EXPLORER WINDOW

Helps navigate to different parts of the program

ERROR DIAGNOSTICS

Includes debugging and error correct tools

