

# HO-10: Create an XML file for an invoice

You are working for a software development company called b2b Software Magic Ltd.

The accounts department has decided that they no longer want to send invoices as Excel spread sheets to their main clients. The amount of invoices generated is simply unmanageable and it becomes very difficult to chase up invoices that haven't been paid.

Your company is offering a discount to clients that are prepared to accept invoices in an XML format. This will allow payments to be processed quicker and make it easier to transfer and integrate information from your company's internal accounts system to your clients main system.

You have been given a sample invoice (next slide) and you are tasked with the following:

- a) Create an XML file from the sample invoice.
- b) Create a DTD for a).
- c) Link your XML and DTD files and validate your XML document.

*Note: You must make use of at least one namespace and one entity.*



The screenshot shows a Microsoft Excel spreadsheet titled "Microsoft Excel - Invoice.xls". The spreadsheet is set up as an invoice for "b2b Software Magic Ltd". The title "b2b Software Magic Ltd - INVOICE" is prominently displayed in a large, bold, black font across the top of the main content area. Below the title, the invoice details are listed in a structured manner:

- Reference:** MyNet201
- Client ID:** 345533
- Invoice date:** 11/11/2005
- Enquiries:** Paul White
- Phone:** 0207 634 6547

The client information is provided below the contact details:

**Mr Barney Hales**  
**MyNetGlobix Plc**  
 2 Caxton Street,  
 London,  
 SW1 H0QE

A table at the bottom of the spreadsheet details the invoice items:

Description	Amount
Golden number development version 2 (1 day).	£500.00
<b>NET:</b>	£500.00
<b>VAT (17.5%):</b>	£87.50
<b>Total:</b>	£587.50

The Excel interface includes standard menu bars (File, Edit, View, Insert, Format, Tools, Data, Window, Help) and a toolbar with various icons for file operations and formatting. The status bar at the bottom indicates the active sheet is "Sheet1" and the current cell is "Ready".