IT Problem 3

Construct the required spreadsheet and submit it. Please add your comments in the spreadsheet explaining what you have done in a Text Box (use Insert->TextBox).

This is a group work (4-5 students per group). You should work in a group. Each member of the group must submit the same solutions. Please note that the group allocations are different than in the last assignment.

Note that these are real problems and these are real data. Do not assume they are perfect. You may need to make corrections or adjustments in the data.

Marks will be awarded for:

• Elegance of solution (how simple and effective it is)

• How reliably it gives the right answer

• Appearance

• Ease of use.

Problem:

ChildPlay Ltd can despatch its products to customer using a courier, a pallet delivery service or using its own van. The details of its products are shown at the third tab of the spreadsheet 'ChildPlay'. Items marked 'Install' must be taken by ChildPlay's own van. The Courier has two rates, one for parcels and one for pallets. Any products shown as full pallet, ½ pallet or ¼ pallet must go at the pallet rate. Others can go at the parcel rate. The Pallet delivery company has different rates depending whether they take a full pallet a ½ pallet or ¼ pallet, and for different zones, defined by post codes. Items shown as full pallet go at the full pallet rate; items shown as ½ pallet go at the ½ pallet rate; all other items can go at the ¼ pallet rate.

Insert a new worksheet at the front of the workbook that enables ChildPlay to enter the product to be delivered and the post code to which it should be delivered, and the cost by the various available methods is displayed and a recommended method, based on the lowest cost alternative, displayed.

You can check your spreadsheets on the following examples:

Item	Destination Post Code	Recommended
Mini Square Sandbox	LE1 7RH	Courier
Large Reading Chair	IV51 0PH	Courier
Fairy Bridge	LD7 2AA	Pallet
Role Play Shed	SW15 7AA	Van