Brief

FIanagan’s Audit perform audits on companies and financial organisations.

New accountants find it hard to remember the required codes to allocate transactions.

A tool is required that will display relevant codes when an item is entered, for commonly used items.

The first display should read:

“Enter transaction item”

The user then enters their input.

Recognised phrases

Input

“Hotel stay”

Result

Display “11962”

For any other inputs

Display “Input not recognised”.

Change Request 1

Add another phrase to be recognised.

Input

“IT Hardware”

Result

Display “23195”

Change Request 2

Add another phrase to be recognised.

Input

“Entertainment”

Result

Display “15168”

Change Request 3

Add another phrase to be recognised.

Input

“Office supplies”

Result

Display “15569”

Change Request 4

There a sub categories available, add a new phrase to be recognised “property”.

Within this there are sub categories, query the user again for the property sub category:

Residential sub-category Display code

industrial Prop-Ind-0019

commercial Prop-Com-0236

residential Prop-Res-5128

agricultural Prop-Agri-2075

development Prop-Dev-8219

All codes entered should only be recognised when written in lowercase.

Example:

Input “property”

Display “Please enter property sub category”

Input “residential”

Result:

“Prop-Res-5128”

Implement the same functionality for each of the property sub-categories.