Heraldry Project Pseudocode

**Variables**

String Shield

String Tinctures

String FieldVariations

String FieldDivisions

String Ordinaries

String Charges

**1.Receive\_Input**

**2.Calculate\_Results**

**3.Display\_Results**

**1.Receive\_Input**

FOR I = 0 TO NumberOfInputs

RECEIVE INPUT FROM KEYBOARD

END FOR

**2.Calculate\_Results**

FOR I = 0 TO NumberOfInputs

RESULT(i) = CalculateHeraldry(Input(i))

ENDFOR

**CalculateHeraldry(Input(i))**

FindShield(Input(i))

FindTinctures(Input(i))

FindFieldVariations(Input(i))

FindFieldDivisions(Input(i))

FindOrdinaries(Input(i))

FindCharges(Input(i))

**FindShield(Input(i))**

FOR I = 0 TO Len(Shield)

FOR EACH Shield

IF Shield(I,i2) == Input(i)

RESULT = RESULT + Shield (i,0)

END IF

ENDFOR

ENDFOR

**FindTinctures(Input(i))**

**FindFieldVariations(Input(i))**

**FindFieldDivisions(Input(i))**

**FindOrdinaries(Input(i))**

**FindCharges(Input(i))**