# Script 1

## Step 2: Pseudocode

Import arcpy

def function to get workspace location from user  
 Input workspace location

def function to get vector shapefiles , gdb or shp

def function to get spatial reference  
 arcpy.Describe(item).spatialreference  
 return spatial reference

put the workspace in a list:  
 arcpy.ListFeatures in the workspace

for shapefiles in workspace list:  
 if spatial ref exists for name of shapefile:  
 print spatial ref  
 add to list of known spatial ref  
 if spatial ref == Unknown:  
 define projection to Nad1983 UTM zone 12n  
 add to list of unknown Spatial ref

count shapefile in totalList

print list of known spatial ref

print list of unknown spatial ref

## Step 4: Debugging

# Script 2

## Step 2: Pseudocode

User input workspace location

Does workspace contain raster datasets?

If yes

Print Name  
 Print file type (Jpeg, bimp, gif, tiff)  
 count number of bands  
 print number of bands  
 print size of raster  
if no

"There are no raster datasets"

## Step 4: Debugging