Unique labels in **label** variable:

4 13 14 16 17 20 24 40 47 48 51 52 55 56 64 76 82 87 91 93 95

class names in **class\_names** variable

'Leopards' 'bonsai' 'brain' 'buddha' 'butterfly' 'car side' 'chandelier' 'ewer' 'grand piano' 'hawksbill’ 'helicopter' 'ibis' 'kangaroo' 'ketch' 'menorah' 'revolver' 'scorpion' 'starfish' 'sunflower' 'trilobite' 'watch'

**For Task5: Class mapping for groups:**

**Group1: 4, 13,14,20,52**

**Group2: 16,17, 24,51,82**

**Group3: 40,47,48,56,87**

**Group4: 55,64,76,91,93**

**Group5: 4,13,16,20,82**

**Group6: 17,24,47,51,87**

**Group7: 40,48,56,76,93**

**Group8: 13,55,87,91,95**

**Group9: 4,40,76,82,91**

**Group10: 17,20,64,87,95**

**Group11: 13,16,48,56,93**

**Group12: 24,47,52,55,91**

**Group13: 48,56,64,76,82**

**Group14: 13,17,20,47,87**

**Group15: 4,13,20,93,95**

**Group16: 40,48,51,52,95**

**Group17: 17,20,24,76,93**

**Group18: 4,13,20,47,87**

**Group19: 24,47,52,55,91**

**Group20: 13,48,51,93,95**

**Group21: 17,20,64,82,95**

**Group22: 13,20,52,47,93**

**Group23: 16,17,52,76,82**

**Group24: 24,40,55,76,93**