**CSC 241**

**Lab #8**

**Due: Ten Minutes After the Lab Ends**

1. Write function different() that takes any two-dimensional table as input and returns the number of distinct entries in the table.

>>> t = [[1,0,1],[0,1,0]]

>>> different(t)

>>> 2

>>> t = [[32, 12, 52, 63],[32,64, 67, 52],[64,64,17,34],[34,17,76,98]]

>>> different(t)

>>> 10

2. Write function week() that takes no arguments. It will repeatedly ask the user to enter an abbreviation for a day of the week (Mo, Tu, We, Th, Fr, Sa, or Su) and then print the corresponding day.

>>> week()

Enter day abbreviation: Tu

Tuesday

Enter day abbreviation: Su

Sunday

Enter day abbreviation: Sa

Saturday

Enter day abbreviation: