**Assignment – II**

**Name: Akshaya Balaji**

**Email:** [**akshayavb99@gmail.com**](mailto:akshayavb99@gmail.com)

**Question**

1. Create a single .xlsx file with 10 sheets inside filled with dummy data.

2. Read the .xlsx file using pandas

3. Export every single sheet of the .xlsx file as a .csv file. (The Output should produce 10 .csv files that contains values of each sheet of .xlsx file respectively)

**Solution**

**import** numpy **as** np  
**import** pandas **as** pd  
  
 *#Reading from Excel Workbook*xlsfile=pd.ExcelFile(**'Assignment2\_ExcelData.xlsx'**) *#The function ExecelFile() reads the workbook as whole and not individual sheets  
#df1=pd.read\_excel(excelfile,'Sheet1') #To read an individual sheet we can use the parse() function or read\_excel() function*df=list()  
sheet\_name=xlsfile.sheet\_names *#the property sheet\_names can be used to store all the names of the sheets in the parsed workbook.***for** name **in** sheet\_name:  
 df.append(pd.read\_excel(xlsfile,name)) *#Each element of the list df is the data of a particular sheet*print(df[3])  
  
*#Exporting to 10 .csv files*sheet\_num=1  
**for** i **in** df:  
 i.to\_csv(**'sheet'**+str(sheet\_num)+**'-converted.csv'**)  
 sheet\_num+=1