**49.How to read data from excel file using Openpyxl in python?**

**Objective:**

* To see how to extract data from a excel file using python3.

**Process:**

* **Openpyxl:**

The openpyxl module allows Python program to read and modify Excel files.

Its the open source library designed with python.

We can read, write, rename , merge data using this module.

**Input:**

* Excel file

**Output:**

* Basic excel operations.

**Source code:**

#import openpyxl module

import openpyxl

#create workbook object

wb=openpyxl.load\_workbook('Employee.xlsx')

#data extract from sheet1

sheet=(wb['Sheet1'])

#take a data from a cell

a=sheet['B2']

print(a.value)

print(a.column)

print(a.row)

b=sheet.cell(row=5,column=3)

print(b.value)

print(b.column)

print(b.row)

print("\n")

#reading entire row

print("Reading whole row with Openpyxl\n")

for c in range(1,7):

d=sheet.cell(row=3,column=c)

print(d.value)

print("\n")

#reading entire column

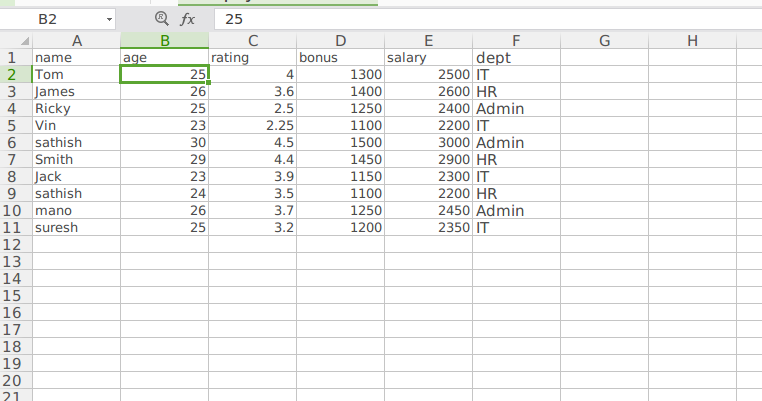
print("Reading whole column with Openpyxl\n")

for r in range(1,12):

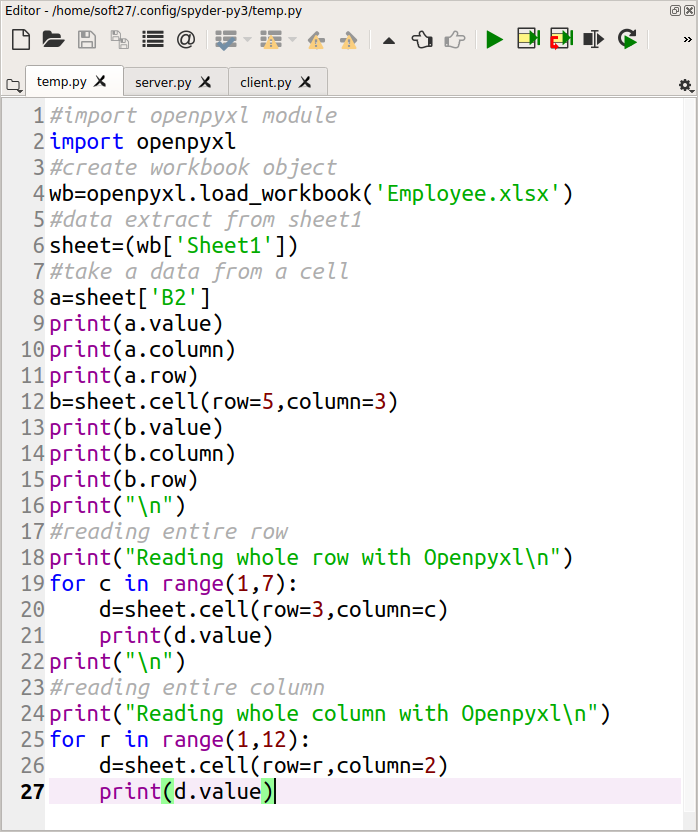
d=sheet.cell(row=r,column=2)

print(d.value)

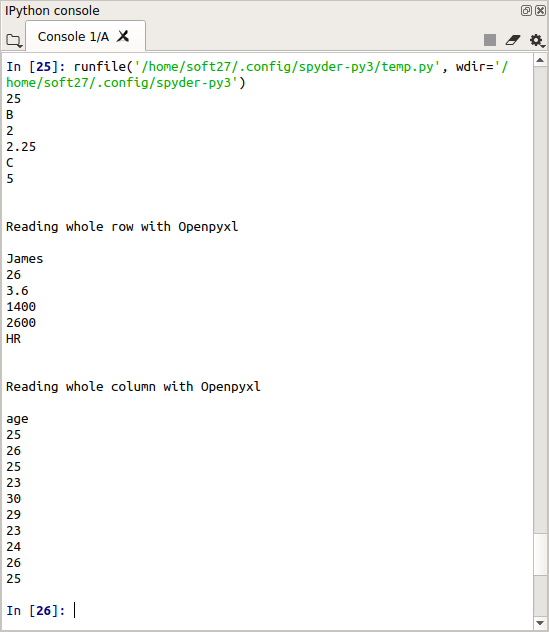
**Excel file:**



**Screen shots:**

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**Output:**

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