Python Deployment

Install python
Note: while installing python select "Add python to path" checkbox to make it global

Install following packages
Run the following commands in cmd.

pip install XlsxWriter
pip install xlrd
pip install psycopg2

To run python scripts

checkConstraints.py
This script is to check all the constraints of timetable.

Command:-
python checkConstraints.py

After completion a new file will be created named contraintsLog.txt which will have the output.

createTimetable.py
After checkConstraints script is run and all conflicts resolved run createTimetable.py to create the timetable in xls format

Command:-
python createTimetable.py

After completion a new file named timetable.xlsx will be created.
If you get any error please check if timetable.xlsx is open or not. Close the file as script is trying to create the same file which is open.