**import** datetime  
**import** pytz  
  
*# Print today's date!*td\_1 = datetime.datetime.now() *# now() is timezone aware*td\_2 = datetime.datetime.today() *# today() ain't timezone aware*td\_3 = datetime.date.today()  
*# td = datetime.date.now() #error*td\_4 = datetime.datetime(2019, 8, 5, 10, 15, 25, 500)

*# or below method*td\_44 = datetime.datetime(year=2019, month=8, day=5, hour=10, minute=15, second=25, microsecond=500)  
print(td\_4) *# 2019-08-05 10:15:25.000500*print(td\_44) *# 2019-08-05 10:15:25.000500*td\_5 = datetime.date(2019, 5, 6) *# or below method*td\_55 = datetime.date(year=2019, month=5, day=6)  
print(td\_5) *# 2019-05-06*print(td\_55) *# 2019-05-06*td\_6 = datetime.time(12, 5, 10) *# or method below*td\_66 = datetime.time(hour=12, minute=5, second=10)  
print(td\_6) *# 12:05:10*print(td\_66) *# 12:02:10  
  
# e.g. print today's year, month, day, hour, minute, second and microsecond!*dt = datetime.datetime.today()  
print(dt.year)  
print(dt.month)  
print(dt.day)  
print(dt.hour)  
print(dt.minute)  
print(dt.second)  
print(dt.microsecond)  
print(dt.timestamp()) *# !important  
  
  
# e.g. How to get timestamp from today's date?*todays\_date = datetime.datetime.today()  
timestamp\_1st\_method = datetime.datetime.timestamp(todays\_date)  
*# or*timestamp\_2nd\_method = todays\_date.timestamp()  
print(timestamp\_1st\_method) *# 1552068729.766947*print(timestamp\_2nd\_method) *# 1552068729.766947  
  
  
# e.g. How to convert a timestamp to date?*print(datetime.datetime.fromtimestamp(1552068729.7))  
*# 2019-03-08 23:12:09.700000  
  
  
# e.g. Add 2 weeks, 5 days, 10 hours, 45 minutes, 30 seconds to today's date?*todays\_date\_2 = datetime.datetime.today()  
add\_date = datetime.timedelta(weeks=2, days=5, hours=10, minutes= 45, seconds=30)  
print(todays\_date\_2+add\_date)  
*# 2019-03-28 10:31:22.886370  
  
# NOTE: TODAY'S DATE IS 2019/03/08  
  
# e.g. Subtract 5 days from today's date?*subtract\_date = datetime.timedelta(days=5)  
print(todays\_date\_2-subtract\_date)  
*# 2019-03-03 23:47:04.985020  
  
  
# e.g. grab the total seconds of a timedelta (1 week)*timedelta\_1 = datetime.timedelta(weeks=1)  
print(timedelta\_1.total\_seconds())  
*# 604800.0  
  
# write today's date in yyy/mm/dd formation [DATETIME TO STRING]*todays\_date\_3 = datetime.date.today()  
print(todays\_date\_3.strftime(**"%Y/%m/%d"**))  
*# 2019/03/09  
  
# STRING TO DATETIME*la\_date = **"15 July 2015"**str\_to\_date = datetime.datetime.strptime(la\_date, **"%d %B %Y"**)  
print(str\_to\_date)  
*# 2015-07-15 00:00:00  
  
# Set the timezone of Dushanbe Tajikistan*tjk\_tz = datetime.datetime.now(pytz.timezone(**"Asia/Dushanbe"**))  
print(tjk\_tz)  
*# 2019-03-09 01:41:03.526719+05:00*