**HOMEWORK 7**

Program Name: **ZN006\_HMWRK7**

START-OF-SELECTION.  
DATA MYFLIGHTSCHEDULE TYPE REF TO ZN006FLIGHTSCHEDULE.  
CREATE OBJECT MYFLIGHTSCHEDULE.  
  
WRITE / '\*\*Testing showAllFlights\*\*'.  
MYFLIGHTSCHEDULE->showAllFlights( ).  
ULINE.  
  
WRITE / '\*\*Testing showFromCountryFlights for US\*\*'.  
MYFLIGHTSCHEDULE->showFromCountryFlights( 'US' ).  
ULINE.  
  
WRITE / '\*\*Testing showFromCountryFlights for XM\*\*'.  
MYFLIGHTSCHEDULE->showFromCountryFlights( 'XM' ).  
ULINE.  
  
WRITE / '\*\*Testing showCityFlights for city NEW YORK\*\*'.  
SKIP.  
MYFLIGHTSCHEDULE->showCityFlights( 'NEW YORK' ).  
ULINE.  
  
WRITE / '\*\*Testing showCityFlights for city HUAWAI'.  
MYFLIGHTSCHEDULE->showCityFlights( 'HUAWAI' ).  
ULINE.  
  
WRITE / '\*\*Testing getConnidData for 0038\*\*'.  
DATA(WA) = MYFLIGHTSCHEDULE->GETCONNIDDATA( 0038 ).  
WRITE: / WA-CARRID UNDER 'CARR\_ID', WA-CONNID UNDER 'CONN\_ID', WA-COUNTRYFR UNDER 'COUNTR\_FR',  
         WA-CITYFROM UNDER 'FROM\_CITY',  WA-AIRPFROM UNDER 'FRO\_AIRP', WA-COUNTRYTO UNDER 'COUNTR\_TO',  
         WA-CITYTO UNDER 'TO\_CITY', WA-AIRPTO UNDER 'TO\_AIRP', WA-FLTIME UNDER 'FLIGHT\_TIME',  
         WA-DEPTIME UNDER 'DEP\_TIME',  WA-ARRTIME UNDER 'ARR\_TIME', WA-DISTANCE UNDER 'DISTANCE',  
         WA-DISTID UNDER 'DIST\_UNIT', WA-FLTYPE UNDER 'FLI\_TYP', WA-PERIOD UNDER 'PERIOD'.  
ULINE.  
  
WRITE / '\*\*Testing getConnidData for 2018\*\*'.  
WA = MYFLIGHTSCHEDULE->GETCONNIDDATA( 2018 ).  
WRITE: / WA-CARRID UNDER 'CARR\_ID', WA-CONNID UNDER 'CONN\_ID', WA-COUNTRYFR UNDER 'COUNTR\_FR',  
         WA-CITYFROM UNDER 'FROM\_CITY',  WA-AIRPFROM UNDER 'FRO\_AIRP', WA-COUNTRYTO UNDER 'COUNTR\_TO',  
         WA-CITYTO UNDER 'TO\_CITY', WA-AIRPTO UNDER 'TO\_AIRP', WA-FLTIME UNDER 'FLIGHT\_TIME',  
         WA-DEPTIME UNDER 'DEP\_TIME',  WA-ARRTIME UNDER 'ARR\_TIME', WA-DISTANCE UNDER 'DISTANCE',  
         WA-DISTID UNDER 'DIST\_UNIT', WA-FLTYPE UNDER 'FLI\_TYP', WA-PERIOD UNDER 'PERIOD'.  
ULINE.  
  
WRITE / '\*\*Testing numFlightsTo for JFK\*\*'.  
WRITE : /(\*) MYFLIGHTSCHEDULE->numFlightsTo( 'JFK' ).  
ULINE.  
  
WRITE / '\*\*Testing numFlightsTo for ZZZ\*\*'.  
WRITE : /(\*) MYFLIGHTSCHEDULE->numFlightsTo( 'ZZZ' ).  
ULINE.  
  
WRITE / '\*\*Testing getConnID for JFK to SFO'.  
Write : /(\*) MYFLIGHTSCHEDULE->getConnid( DEPAIRP = 'JFK' DESTAIRP = 'SFO' ).  
ULINE.  
  
WRITE / '\*\*Testing getConnID for YXZ to KKK\*\*'.  
Write : /(\*) MYFLIGHTSCHEDULE->getConnid( DEPAIRP = 'YXZ' DESTAIRP = 'KKK' ).  
ULINE.  
  
WRITE / '\*\*Testing geFlightTime for 0017\*\*'.  
Write : /(\*) MYFLIGHTSCHEDULE->getFlightTime( '0017' ).  
ULINE.  
  
WRITE / '\*\*Testing geFlightTime for 2018\*\*'.  
Write : /(\*) MYFLIGHTSCHEDULE->getFlightTime( '2018' ).  
ULINE.  
  
  
WRITE / '\*\*Testing addConnection\*\*'.  
WA = MYFLIGHTSCHEDULE->GETCONNIDDATA( 0018 ).  
WA-CONNID = 2017.  
MYFLIGHTSCHEDULE->addConnection( WA ).  
MYFLIGHTSCHEDULE->SHOWALLFLIGHTS( ).  
ULINE.  
  
WRITE / '\*\*Testing changeCityTo for CONNID 3234\*\*'.  
MYFLIGHTSCHEDULE->changeCityTo( CONNECTID = 3234 CITY = 'Johnson City' COUNTRY = 'US' ).  
MYFLIGHTSCHEDULE->SHOWALLFLIGHTS( ).  
ULINE.















































































