```
/*Use A when you want to run code as usual (run in June to analyse May) */
/*A*/
%let current_date=&sysdate9;
%let setrundate=today();

/*Use B when you want to run code for the previous month (run in June to analyse
December) */
/*B*/
/*%let current_date= 01Jan2019;  */
/*%let setrundate= "&current_date"d;  */

%global SnapDt CurrDt querydate mth_name YYYYMMDD YYYYMM prevYYYYMM prevYYMM YYMM
          PreYrDt PreYr_YYYYMM;

%macro dates(rundate=)/minoperator;
/*Calculated automatically*/
      %let current_date_date9=%sysfunc(inputn(&current_date,date9.));
      %let CurrDt = %sysfunc(intnx(month,&current_date_date9.,-1,E),date9.);
      %let SnapDt =&CurrDt.;
      %let PreYrDt = %sysfunc(intnx(month,&current_date_date9.,-1,E),date9.);
      %let PreYr_YYYYMM=%sysfunc(intnx(month,&current_date_date9.,-13,E),yymmn6.);
      %let YYMM=%sysfunc(intnx(month,&current_date_date9.,-1,E),yymmn4.);
      %let prevYYMM=%sysfunc(intnx(month,&current_date_date9.,-2,E),yymmn4.);
      %let YYYYMM=%sysfunc(intnx(month,&current_date_date9.,-1,E),yymmn6.);
      %let prevYYYYMM=%sysfunc(intnx(month,&current_date_date9.,-2,E),yymmn6.);
      %let YYYYMMDD=%sysfunc(intnx(month,&current_date_date9.,-1,E),yymmddn8.);
      %let mth_name=%substr(&CurrDt.,3,7);
      %let date=%sysfunc(intnx(month,&current_date_date9.,-1,E),yymmdd10.);
      %let querydate = "AsAtDate=&date.;";

/*Check log to see values of macro variables */
      %put &=current_date
            &=SnapDt.
            &=CurrDt.
            &=mth_name.
            &=YYYYMMDD.
            &=YYYYMM.
            &=prevYYYYMM.
            &=prevYYMM.
            &=YYMM.
          &=PreYrDt.
            &=PreYr_YYYYMM.
            &=querydate.;
%mend dates;

%dates(rundate=&current_date.);


/*Check what macro variables are used in environment */
%put _global_;

104       %dates(rundate=&current_date.);
SYMBOLGEN:  Macro variable CURRENT_DATE resolves to 24JUN2019
SYMBOLGEN:  Macro variable CURRENT_DATE resolves to 24JUN2019
SYMBOLGEN:  Macro variable CURRENT_DATE_DATE9 resolves to 21724
SYMBOLGEN:  Macro variable CURRDT resolves to 31MAY2019
SYMBOLGEN:  Macro variable CURRENT_DATE_DATE9 resolves to 21724
SYMBOLGEN:  Macro variable DATE resolves to 2019-05-31
SYMBOLGEN:  Macro variable CURRENT_DATE resolves to 24JUN2019
SYMBOLGEN:  Macro variable SNAPDT resolves to 31MAY2019
SYMBOLGEN:  Macro variable CURRDT resolves to 31MAY2019
SYMBOLGEN:  Macro variable MTH_NAME resolves to MAY2019
SYMBOLGEN:  Macro variable YYYYMMDD resolves to 20190531
SYMBOLGEN:  Macro variable YYYYMM resolves to 201905
SYMBOLGEN:  Macro variable PREVYYYYMM resolves to 201904
SYMBOLGEN:  Macro variable PREVYYMM resolves to 1904
SYMBOLGEN:  Macro variable YYMM resolves to 1905
SYMBOLGEN:  Macro variable PREYRDT resolves to 31MAY2019
SYMBOLGEN:  Macro variable PREYR_YYYYMM resolves to 201805
SYMBOLGEN:  Macro variable QUERYDATE resolves to "AsAtDate=2019-05-31;"
```

```
CURRENT_DATE=24JUN2019
SNAPDT=31MAY2019
CURRDT=31MAY2019
MTH_NAME=MAY2019
YYYYMMDD=20190531
YYYYMM=201905
PREVYYYYMM=201904
PREVYYMM=1904YYMM=1905
PREYRDT=31MAY2019
PREYR_YYYYMM=201805
QUERYDATE="AsAtDate=2019-05-31;"
```