WD Exercise

A good exercise is to compare a set of observations of the same non-varying target to make sure observatoin and reduction techniques are the same. White dwarf stars are good choices for this exercise. Problem is there are only a handful of bright WD stars available in the Northerh Hemisphere.

Using TOPCAT, and the catalog selection service, and using SIMBAD as the source this query:

```
select ra,dec,V,otype_txt,main_id,sp_type
   from  basic
   join allfluxes on basic.oid = allfluxes.oidref
where
   dec > -20
   and allfluxes.V < 11
   and otype_txt='WD*'
```

returns this short list:

```
# ra           dec      V     otype  main_id                      sp_type

   65.2196   13.86442   6.14   WD*   "HD  27483"                  DA3+F6V

    7.3150   55.96441  10.60   WD*   "LAMOST J002915.51+555753.4" DA?
  321.6806   41.12844  10.89   WD*   "LAMOST J212643.49+410741.5" DAZ?
   95.8393    2.95186  10.38   WD*   "LAMOST J062321.45+025706.7" DA?
  102.7807   13.22806  10.43   WD*   "BD+13  1437"                DA
   63.8407   -7.65811   9.52   WD*   "* omi02 Eri B"              DA2.9
  101.2887  -16.71686   8.43   WD*   "* alf CMa B"                DA1.9
  114.8245   5.22411   10.92   WD*   "* alf CMi B"                DQZ
```

Note: The very first one out of the box is a double star!