

```
LIBNAME djs 'E:\200601 - COMPUTACIO EN ESTADISTICA I EN OPTIMITZACIO\SAS\examen'; RUN;
```

```
/**/
```

```
options fmtsearch=(djs);
```

→ - (0'5) restamos 0'5 porque necesito  
ayuda por hacer el fmtsearch!

(4'5)

```
/* Number 1 */
```

```
Data djs.Vehiculosf;
```

```
input Distrito :Dtt.
```

mal!!

```
set djs.Vehiculos;
```

(0) No hace nada de lo que se pide

```
Run;
```

```
/* Number 2 */
```

```
Proc sort data = djs.Encuesta;
```

```
by expe;
```

```
Run;
```

ok (2)

```
Proc sort data = djs.Vehiculosf (rename = (Expedient=expe));
```

```
by expe;
```

```
Run;
```

```
Data djs.VEHIC_ENQ;
```

```
merge djs.Vehiculosf (in=v1) djs.Encuesta (in=v2);
```

```
if v1;
```

```
by expe;
```

```
Run;
```

```
/* Number 3 */
```

```
Data djs.VEHIC_ENQ;
```

```
Set djs.VEHIC_ENQ;
```

```
if (X1 >= 0) then n1=1;
```

```
if (X2 >= 0) then n2=1;
```

```
if (X3 >= 0) then n3=1;
```

```
if (X4 >= 0) then n4=1;
```

```
if (X5 >= 0) then n5=1;
```

```
tot = sum( of n1 n2 n3 n4 n5);
```

```
men = mean(X1, X2, X3, X4, X5);
```

```
if (tot >=4) then media = men; else media = -99;
```

```
drop n1 n2 n3 n4 n5 tot men;
```

```
RUN;
```

3. a) (1) ok

3. b) (0) no hace nada

```
/* Number 4 */
```

```
%MACRO GRAFF(NUM,BBDD);
```

```
PROC SURVEYSELECT DATA=djs.Vehiculosf OUT=djs.BBDD SAMPSIZE=NUM;
```

```
RUN;
```

```
%MEND;
```

no llama a varietes  
new!!

```
/* Number 5 */
```

```
Proc IML;
```

```
a = {1 2 3, 5 3 9, 8 1 0, 5 4 3};
```

```
b = a[,+]/3;
```

```
notas = a||b;
```

```
print a;
```

```
print b;
```

```
print notas;
```

```
Create djs.NOTASDEF from notas[colname={"nota1","nota2","nota3","notam"}];
```

```
Append from notas;
```

```
Close djs.NOTASDEF;
```

ok (2)

quit;