

How do I count the number of months a respondent was employed?

Say you have a dataset with an observation for each person, with 12 variables indicating whether that person was employed during that month or whether they were enrolled in school. You want to count the total number of months they were employed or in school.

```
array k( 12 )month1-month12;
employ= 0 ;
school= 0 ;
do i= 1 to 12 ;
  if k(i) = 1 then employ=employ+ 1 ;
  else if k(i)= 2 then school=school+ 1 ;
end ;
drop i;
```

So, the array called 'k' is referencing a set of variables that tell whether that respondent is either (1) employed or (2) enrolled in school. The two variables 'employ' and 'school' are set equal to 0 and then the array begins. A running count is obtained so that in the end you are left with a total number of months the respondent was employed and/or was in school. The 'drop i' gets rid of the index variable from your data set.