You will use a dataset from the National Alzheimer Coordination Center (NACC) that includes the following variables

Variable's name	Short descriptor	Allowable codes
NACCID	Subject ID number	Prefix NACC followed by 0 – 10 numbers
VNUMBER	Visit number	Numeric
SEX	Subject's sex	1 = Male 2 = Female
EDUC	Years of education	0 – 36 99 = Unknown
NACCZMMS	Age-, sex-, and education-adjusted z-score for the MMSE score	99=Test not completed -99=Missing -25-25
NACCZLMI	Age-, sex-, and education-adjusted z-score for Logical Memory 1A-Immediate total number of items recalled	
NACCZLMD	Age-, sex-, and education-adjusted z-score for Logical Memory 1A-Delayed total number of items recalled	
NACCZDFT	Age-, sex-, and education-adjusted z-score for Digit Span Forward total number of trials correct	
NACCUDSD	Cognitive status	1 = Normal cognition 2 = Impaired not MCI 3 = MCI 4 = Dementia
NACCYRS	Years from initial visit to each follow-up visit	0-10
NACCAGEB	Subject age at the initial visit (years)	18-120

Perform the following :

1) We are interested in the following neuropsychological scores: NACCZMMS, NACCZLMI, NACCZLMD, and NACCZDFT. Write a code that will create a single wide dataset , which will include these scores in a wide format as well as subject's ID, SEX, cognitive status and age at baseline.
2) Using an array, recode all the missing values for the neuropsychological scores to appropriate values for SAS (i.e. "." For numeric or " " for character)