

- (15 pts) 6. We are interested in analyzing voter turn-out in the election in Indiana. In particular, we would like to produce the following two reports:

VOTING BY COUNTRY

VOTING BY AGE

A card has been prepared for each individual who voted in the primary election. Each card contains the following information:

Card Columns

|       |                                       |
|-------|---------------------------------------|
| 1-30  | Name of voter                         |
| 31    | Party code (1=democrat, 2=republican) |
| 32-33 | Age of voter (ranges from 18 to 99)   |
| 34-35 | County number (ranges from 1 to 92)   |

Prepare a system flow chart using standard symbols and conventions for preparing the above reports using sorting to organize the data. You may assume that the cards have been punched and are available in offline storage.