Math 338 Name

Kafai – HW 5

We have three data sets, ONE, TWO, and THREE. Each data set contains the variables:

ID (IDNUM in data set TWO)

SEX

DOB

SALARY

In addition, data set TWO contains TAXRATE and WITHHOLD; data set THREE contains HEIGHT and WEIGHT.

1. Write a program to create a single SAS data set ALL which combines the observations from data sets ONE, TWO, and THREE and contains the variables ID, DOB, and SALARY.
2. Write a program to create a new SAS data set for those people born on or before January 1, 1960, and who earn $50,000 or more per year.

ONE

|  |  |  |  |
| --- | --- | --- | --- |
| ID | SEX | DOB | SALARY |
| 01 | M | 10/21/46 | 70000 |
| 02 | F | 11/01/55 | 68000 |
| 07 | M | 01/27/59 | 47000 |

TWO

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| IDNUM | SEX | DOB | SALARY | TAXRATE | WITHHOLD |
| 03 | F | 01/01/33 | 78000 | 0.36 | 23000 |
| 05 | M | 03/07/29 | 37000 | 0.25 | 9000 |

THREE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | SEX | DOB | SALARY | HEIGHT | WEIGHT |
| 04 | M | 10/23/49 | 65000 | 68 | 158 |
| 06 | F | 07/04/65 | 55000 | 74 | 202 |