```
1            OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
72
73             *AST 503
74           Program 2
75           Zainab Akinjobi
76           Run a sample SAS program
77           ;
78           data mydata;
79
80           input name $ 1-14 gender $ 16 age  18 -19  gross_income  22-26 dependents  29 ;
81
82
83
84           if dependents = 0 then premium = 0.026 * gross_income  ;
85               else if dependents = 1 then premium = 0.058 * gross_income  ;
86               else if dependents = 2 then premium = 0.077 * gross_income ;
87               else if dependents = 3 then premium = 0.123 * gross_income  ;
88               else if dependents = >3 then premium = 0.15 * gross_income  ;
89
90
91               net_income = gross_income - premium;
92
93           datalines;
```

NOTE: The data set WORK.MYDATA has 24 observations and 7 variables.
NOTE: DATA statement used (Total process time):
      real time   0.00 seconds
      user cpu time   0.00 seconds
      system cpu time   0.01 seconds
      memory   682.28k
      OS Memory   29352.00k
      Timestamp   02/08/2021 07:44:30 PM
      Step Count   24 Switch Count 2
      Page Faults   0
      Page Reclaims   183
      Page Swaps   0
      Voluntary Context Switches   11
      Involuntary Context Switches   0
      Block Input Operations   0
      Block Output Operations   264


```
118          ;
119
120
121          proc print data = mydata;
122          var name gender premium;
123          title1 'print the records';
124
```

NOTE: There were 24 observations read from the data set WORK.MYDATA.
NOTE: PROCEDURE PRINT used (Total process time):
      real time   0.05 seconds
      user cpu time   0.06 seconds
      system cpu time   0.00 seconds
      memory   2683.84k
      OS Memory   31656.00k
      Timestamp   02/08/2021 07:44:30 PM
      Step Count   25 Switch Count 1
      Page Faults   0
      Page Reclaims   913
      Page Swaps   0
      Voluntary Context Switches   6
      Involuntary Context Switches   0
      Block Input Operations   0
      Block Output Operations   8

```
125         proc print data =mydata (obs=8);
126         title1 'print the first 8 records';
127
```

NOTE: There were 8 observations read from the data set WORK.MYDATA.
NOTE: PROCEDURE PRINT used (Total process time):
      real time   0.02 seconds
      user cpu time   0.03 seconds
      system cpu time   0.00 seconds
      memory   841.96k
      OS Memory   31912.00k
      Timestamp   02/08/2021 07:44:30 PM
      Step Count   26 Switch Count 1
      Page Faults   0
      Page Reclaims   124
      Page Swaps   0
      Voluntary Context Switches   10
      Involuntary Context Switches   0
      Block Input Operations   0
      Block Output Operations   0


```
128         proc print data =mydata;
129         title1 'print records where age is greater than 59';
130         where age >59;
131
132         run;
```

NOTE: There were 10 observations read from the data set WORK.MYDATA.
      WHERE age>59;
NOTE: PROCEDURE PRINT used (Total process time):
      real time   0.03 seconds
      user cpu time   0.03 seconds
      system cpu time   0.00 seconds
      memory   944.12k
      OS Memory   32172.00k
      Timestamp   02/08/2021 07:44:30 PM
      Step Count   27 Switch Count 1
      Page Faults   0
      Page Reclaims   157
      Page Swaps   0
      Voluntary Context Switches   14
      Involuntary Context Switches   0
      Block Input Operations   0
      Block Output Operations   32


```
133
134
135
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140
141
142
143
144
145         OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
157
```