```
1          OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
68
69         LIBNAME Quiz1 '/home/u63577751/Quiz1/';
NOTE: Libref QUIZ1 refers to the same physical library as _TEMP2.
NOTE: Libref QUIZ1 was successfully assigned as follows:
      Engine:        V9
      Physical Name: /home/u63577751/Quiz1
70         /*Q2*/
71         data Quiz1.quiz1;
72             set Quiz1.Quiz1_data;
73         run;

NOTE: There were 1400 observations read from the data set QUIZ1.QUIZ1_DATA.
NOTE: The data set QUIZ1.QUIZ1 has 1400 observations and 9 variables.
NOTE: DATA statement used (Total process time):
      real time            0.01 seconds
      user cpu time        0.00 seconds
      system cpu time      0.01 seconds
      memory               970.81k
      OS Memory            22952.00k
      Timestamp            02/06/2024 01:53:29 PM
      Step Count                        24  Switch Count  3
      Page Faults                       0
      Page Reclaims                     170
      Page Swaps                        0
      Voluntary Context Switches        48
      Involuntary Context Switches      0
      Block Input Operations            0
      Block Output Operations           264


74
75         /*Q3*/
76         proc contents data=Quiz1.quiz1_data;
77         run;

NOTE: PROCEDURE CONTENTS used (Total process time):
      real time            0.02 seconds
      user cpu time        0.03 seconds
      system cpu time      0.00 seconds
      memory               1887.68k
      OS Memory            24232.00k
      Timestamp            02/06/2024 01:53:29 PM
      Step Count                        25  Switch Count  0
      Page Faults                       0
      Page Reclaims                     615
      Page Swaps                        0
      Voluntary Context Switches        3
      Involuntary Context Switches      0
      Block Input Operations            0
      Block Output Operations           8


78
79         /*Q4*/
80         proc freq data=Quiz1.quiz1_data;
81             table diabetes;
82         run;

NOTE: There were 1400 observations read from the data set QUIZ1.QUIZ1_DATA.
NOTE: PROCEDURE FREQ used (Total process time):
      real time            0.01 seconds
      user cpu time        0.01 seconds
```

```
        system cpu time        0.00 seconds
        memory                 887.87k
        OS Memory              24488.00k
        Timestamp              02/06/2024 01:53:29 PM
        Step Count                         26  Switch Count  2
        Page Faults                        0
        Page Reclaims                      310
        Page Swaps                         0
        Voluntary Context Switches         21
        Involuntary Context Switches       0
        Block Input Operations             0
        Block Output Operations            264


83            /*Q5*/
84            proc univariate data= Quiz1.quiz1_data;
85            variable X1;
86            histogram X1;
87            run;

NOTE: PROCEDURE UNIVARIATE used (Total process time):
        real time              1.97 seconds
        user cpu time          0.08 seconds
        system cpu time        0.02 seconds
        memory                 13498.00k
        OS Memory              37120.00k
        Timestamp              02/06/2024 01:53:31 PM
        Step Count                         27  Switch Count  0
        Page Faults                        0
        Page Reclaims                      4365
        Page Swaps                         0
        Voluntary Context Switches         289
        Involuntary Context Switches       0
        Block Input Operations             0
        Block Output Operations            472


88
89            /*Q6+Q7+Q8*/
90            data work.quiz1;
91            set Quiz1.quiz1_data;
92            sum_V1=X1+X2+X3;
93            sum_V2=sum(X1,X2,X3);
94            wait_time=Surgery_dt-Consult_dt;
95            run;

NOTE: There were 1400 observations read from the data set QUIZ1.QUIZ1_DATA.
NOTE: The data set WORK.QUIZ1 has 1400 observations and 12 variables.
NOTE: DATA statement used (Total process time):
        real time              0.00 seconds
        user cpu time          0.00 seconds
        system cpu time        0.00 seconds
        memory                 1064.18k
        OS Memory              36008.00k
        Timestamp              02/06/2024 01:53:31 PM
        Step Count                         28  Switch Count  2
        Page Faults                        0
        Page Reclaims                      113
        Page Swaps                         0
        Voluntary Context Switches         17
        Involuntary Context Switches       0
        Block Input Operations             0
        Block Output Operations            520
```

```
96
97            /*Q9*/
98            proc univariate data=work.quiz1;
99            variable X2;
100           histogram X2;
101           run;
```

NOTE: PROCEDURE UNIVARIATE used (Total process time):
      real time   0.15 seconds
      user cpu time   0.06 seconds
      system cpu time   0.00 seconds
      memory   7225.50k
      OS Memory   37632.00k
      Timestamp   02/06/2024 01:53:31 PM
      Step Count   29 Switch Count 0
      Page Faults   0
      Page Reclaims   808
      Page Swaps   0
      Voluntary Context Switches   129
      Involuntary Context Switches   0
      Block Input Operations   0
      Block Output Operations   368

```
102
103           data work.quiz1;
104           set work.quiz1;
105           X2_high=0;
106           if X2>=11.97 then X2_high=1;
107           run;
```

NOTE: There were 1400 observations read from the data set WORK.QUIZ1.
NOTE: The data set WORK.QUIZ1 has 1400 observations and 13 variables.
NOTE: DATA statement used (Total process time):
      real time   0.00 seconds
      user cpu time   0.01 seconds
      system cpu time   0.01 seconds
      memory   1204.25k
      OS Memory   35752.00k
      Timestamp   02/06/2024 01:53:31 PM
      Step Count   30 Switch Count 2
      Page Faults   0
      Page Reclaims   96
      Page Swaps   0
      Voluntary Context Switches   12
      Involuntary Context Switches   0
      Block Input Operations   0
      Block Output Operations   520

```
108
109           /*Q10*/
110           proc univariate data=work.quiz1;
111           variable sum_V2;
112           run;
```

NOTE: PROCEDURE UNIVARIATE used (Total process time):
      real time   0.03 seconds
      user cpu time   0.03 seconds
      system cpu time   0.00 seconds
      memory   1006.18k
      OS Memory   35492.00k
      Timestamp   02/06/2024 01:53:31 PM
      Step Count   31 Switch Count 0
      Page Faults   0

```
            Page Reclaims                      58
            Page Swaps                         0
            Voluntary Context Switches         0
            Involuntary Context Switches       0
            Block Input Operations             0
            Block Output Operations            0


   113
   114        proc univariate data=work.quiz1;
   115        variables wait_time;
   116        run;

NOTE: PROCEDURE UNIVARIATE used (Total process time):
            real time              0.03 seconds
            user cpu time          0.03 seconds
            system cpu time        0.00 seconds
            memory                 933.06k
            OS Memory              35492.00k
            Timestamp              02/06/2024 01:53:31 PM
            Step Count                        32  Switch Count  0
            Page Faults                       0
            Page Reclaims                     55
            Page Swaps                        0
            Voluntary Context Switches        0
            Involuntary Context Switches      0
            Block Input Operations            0
            Block Output Operations           16


   117
   118        proc freq data=work.quiz1;
   119        tables X2_high*diabetes;
   120        run;

NOTE: There were 1400 observations read from the data set WORK.QUIZ1.
NOTE: PROCEDURE FREQ used (Total process time):
            real time              0.01 seconds
            user cpu time          0.02 seconds
            system cpu time        0.00 seconds
            memory                 1442.84k
            OS Memory              36268.00k
            Timestamp              02/06/2024 01:53:31 PM
            Step Count                        33  Switch Count  4
            Page Faults                       0
            Page Reclaims                     257
            Page Swaps                        0
            Voluntary Context Switches        26
            Involuntary Context Switches      0
            Block Input Operations            0
            Block Output Operations           544


   121
   122        proc contents data=work.quiz1;
   123        run;

NOTE: PROCEDURE CONTENTS used (Total process time):
            real time              0.02 seconds
            user cpu time          0.02 seconds
            system cpu time        0.00 seconds
            memory                 1063.56k
            OS Memory              36008.00k
            Timestamp              02/06/2024 01:53:31 PM
            Step Count                        34  Switch Count  0
```

```
        Page Faults                      0
        Page Reclaims                    100
        Page Swaps                       0
        Voluntary Context Switches       0
        Involuntary Context Switches     0
        Block Input Operations           0
        Block Output Operations          24


124
125         OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
135
```