```
1          ;*';*";*/;quit;run;
2          OPTIONS PAGENO=MIN;
3          %LET _CLIENTTASKLABEL='01.15.2020_(HPC)_Basic_SAS_Test';
4          %LET _CLIENTPROCESSFLOWNAME='Process Flow';
5          %LET _CLIENTPROJECTPATH='';
6          %LET _CLIENTPROJECTPATHHOST='';
7          %LET _CLIENTPROJECTNAME='';
8          %LET
8       !
_SASPROGRAMFILE='M:\Pine_Piety\Users\Charu\HPC\01.15.2020_(HPC)_Basi
8       ! c_SAS_Test.sas';
9          %LET _SASPROGRAMFILEHOST='IFH-CTXAPP01';
10
11         ODS _ALL_ CLOSE;
12         OPTIONS DEV=PNG;
13         GOPTIONS XPIXELS=0 YPIXELS=0;
14         FILENAME EGSR TEMP;
15         ODS tagsets.sasreport13(ID=EGSR) FILE=EGSR
16             STYLE=HTMLBlue
17
STYLESHEET=(URL="file:///C:/Program%20Files%20(x86)/SASHome/x86/
17      ! SASEnterpriseGuide/7.1/Styles/HTMLBlue.css")
18             NOGTITLE
19             NOGFOOTNOTE
20             GPATH=&sasworklocation
21             ENCODING=UTF8
22             options(rolap="on")
23         ;
NOTE: Writing TAGSETS.SASREPORT13(EGSR) Body file: EGSR
24
25         GOPTIONS ACCESSIBLE;
26
/********************************************************************
26      ! ***********************
27         Project: High Performance Computing- Testing
28         Program: Running some basic functions
29         Run twice
30         Dataset: nhanes3 (smaller), nh(big data)
31         Analyst: Charu Verma
32         Date: 01.15.2021*/
33         libname lib "M:\Pine_Piety\Users\Charu\HPC";
NOTE: Libref LIB was successfully assigned as follows:
      Engine:        V9
      Physical Name: M:\Pine_Piety\Users\Charu\HPC
34         data test;
35         set lib.nh;/*Change dataset name here*/
36         run;

NOTE: There were 3479452940 observations read from the data set LIB.NH.
NOTE: The data set WORK.TEST has 3479452940 observations and 43
variables.
```

```
NOTE: DATA statement used (Total process time):
      real time              3:15:50.35
      cpu time              27:09.48


37         proc contents data=test;
38         run;

NOTE: PROCEDURE CONTENTS used (Total process time):
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      real time             0.02 seconds
      cpu time              0.01 seconds


39         options number pageno=1 ls=79 ps=59 ;
40         options formchar = "|----|+|---+=|-/\<>*";
41         proc printto new
41      !
print='M:\Pine_Piety\Users\Charu\HPC\01152020_(HPC)_BasicSAS_test.tx
41      ! t';
42         run;

NOTE: PROCEDURE PRINTTO used (Total process time):
      real time             0.01 seconds
      cpu time              0.00 seconds


43         /*Descriptive statistics*/
44         title 'Descriptive statistics';
45         proc means data = test;
46          var _numeric_;
47         run;

NOTE: There were 3479452940 observations read from the data set
WORK.TEST.
NOTE: The PROCEDURE MEANS printed pages 1-3.
NOTE: PROCEDURE MEANS used (Total process time):
      real time             3:58:51.00
      cpu time              5:07:26.48


48         proc anova data=test;
49          class sex;
50          model age education sbp dbp  = sex;
51         run;

ERROR: Invalid Operation.
ERROR: Termination due to Floating Point Exception
NOTE: The SAS System stopped processing this step because of errors.
NOTE: The PROCEDURE ANOVA printed page 4.
NOTE: PROCEDURE ANOVA used (Total process time):
      real time             3:31:25.97
```

```
       cpu time              21:37.65




52          proc freq data=test;
53           tables sex  dmaethnr dmaracer dmarethn dmpmetro death
dentalhealth
53         ! hipfract marital
54           cancer cholesterol colon cvd diabetes hypertension health
stroke;
55          run;

NOTE: There were 3479452940 observations read from the data set
WORK.TEST.
NOTE: The PROCEDURE FREQ printed pages 5-8.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           3:25:04.29
      cpu time            31:32.79

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56          title 'Correlation-Age and Diastolic BP';
57          proc corr data=test nomiss spearman;
58           var age dbp;
59          run;

ERROR: Unable to allocate sufficient memory for the nonparametric
correlation
       statistics.
NOTE: The PROCEDURE CORR printed page 9.
NOTE: PROCEDURE CORR used (Total process time):
      real time           3:32:56.16
      cpu time            10:17.37


60          proc summary data=test;
61            var hipfract cancer colon cvd stroke;
62            class seqn;
63            output out=work.summary1 (drop=_type_freq_)
64            sum= hipfracttot cancertot colontot cvdtot stroketot;
65          run;

WARNING: The variable _type_freq_ in the DROP, KEEP, or RENAME list has
never
         been referenced.
NOTE: There were 3479452940 observations read from the data set
WORK.TEST.
NOTE: The data set WORK.SUMMARY1 has 4011 observations and 8 variables.
NOTE: PROCEDURE SUMMARY used (Total process time):
      real time           3:31:30.16
      cpu time            51:05.54
```

```
66          proc sort data=work.summary1 out=total;by seqn;run;
```

NOTE: There were 4011 observations read from the data set WORK.SUMMARY1.
NOTE: The data set WORK.TOTAL has 4011 observations and 8 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time   0.06 seconds
      cpu time   0.01 seconds


```
67          proc sort data=test; by seqn;run;
```

ERROR: No disk space is available for the write operation. Filename =
      F:\SAS_Temp\cverma\SAS_util0001000008B0_IFH-
SAS03\ut08B000000E.utl.
ERROR: Failure while attempting to write page 12414 of sorted run 146.
ERROR: Failure while attempting to write page 2166969 to utility file 1.
ERROR: Failure encountered while creating initial set of sorted runs.
ERROR: Failure encountered during external sort.
ERROR: Sort execution failure.
NOTE: The SAS System stopped processing this step because of errors.
NOTE: There were 1822307761 observations read from the data set
WORK.TEST.
WARNING: The data set WORK.TEST may be incomplete. When this step was
stopped
         there were 0 observations and 43 variables.
WARNING: Data set WORK.TEST was not replaced because this step was
stopped.
NOTE: PROCEDURE SORT used (Total process time):
      real time   3:02:49.36
      cpu time   29:44.29
4 The SAS System   13:47 Thursday, January
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