SAS™ (speed) dates

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Event One

Meet Sharon

- Smart, sassy
- Sign: Gemini (the twins)

1977-05-25

- Format: yymmdd10.

First speed date: James

- Young, idealistic
- Sign: Cancer (the crab)

19920630

- Format: ?

Second date: William

- Mature, dependable, frugal
- Sign: Leo (the lion)

19670812

- Format: ?

Third date: Craig

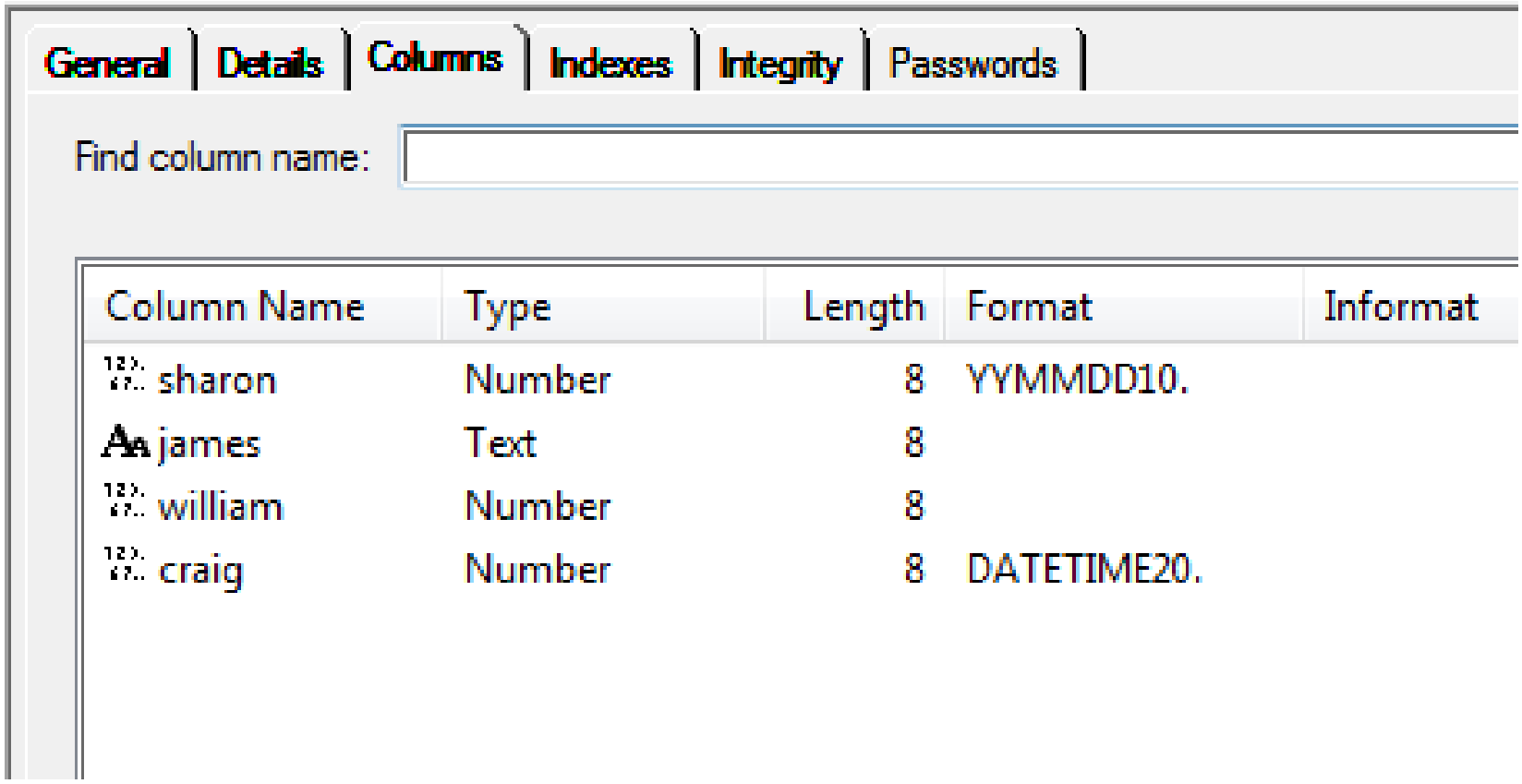
- Slightly obnoxious
- Sign: Scorpio (the scorpion)

27OCT1975:00:00:00

- Format: datetime20.

```
7    data speed_daters;
8        sharon  = '25may1977'd;
9        format sharon yymmdd10.;
10
11       james   = '19920630';
12
13       william = 19670812;
14
15       craig   = '27oct1975:00:00:00'dt;
16       format craig datetime20.;
17   run;

NOTE: The data set WORK.SPEED_DATERS has 1 observations and 4 variables.
NOTE: DATA statement used (Total process time):
      real time           0.06 seconds
      cpu time            0.01 seconds
```


General
Details
Columns
Indexes
Integrity
Passwords
Find column name:
Column Name
Type
Length
Format
Informat
sharon
Number
8
YYMMDD10.
james
Text
8
william
Number
8
craig
Number
8
DATETIME20.

```
data james_1;
     set speed_daters (keep=james);
     james = input(james, yymmdd8.);
run;
```

```
18
19   data james_1;
20       set speed_daters (keep=james);
21       james = input(james, yymmdd8.);
22   run;

NOTE: Numeric values have been converted to character values at the places given by:
      (Line):(Column).
      21:13
NOTE: There were 1 observations read from the data set WORK.SPEED_DATERS.
NOTE: The data set WORK.JAMES_1 has 1 observations and 1 variables.
NOTE: DATA statement used (Total process time):
      real time           0.08 seconds
      cpu time            0.01 seconds
```

	james
1	11869

```
data james_2;
     set speed_daters (keep=james);
     james = input(james, yymmdd8.);
     format james yymmdd10.;
run;
```

```
23
24   data james_2;
25       set speed_daters (keep=james);
26       james = input(james, yymmdd8.);
27       format james yymmdd10.;
                    ---------
                    48
ERROR 48-59: The format $YYMMDD was not found or could not be loaded.

28   run;

NOTE: Numeric values have been converted to character values at the places given by:
      (Line):(Column).
      26:13
NOTE: The SAS System stopped processing this step because of errors.
WARNING: The data set WORK.JAMES_2 may be incomplete.  When this step was stopped there were 0
         observations and 1 variables.
NOTE: DATA statement used (Total process time):
      real time           0.05 seconds
      cpu time            0.03 seconds
```

```
data james;
     drop james_char;
     set speed_daters (keep=james rename=(james=james_char));
     james = input(james_char, yymmdd8.);
     format james yymmdd10.;
run;
```

```
29
30   data james;
31       drop james_char;
32       set speed_daters (keep=james rename=(james=james_char));
33       james = input(james_char, yymmdd8.);
34       format james yymmdd10.;
35   run;

NOTE: There were 1 observations read from the data set WORK.SPEED_DATERS.
NOTE: The data set WORK.JAMES has 1 observations and 1 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds
```

	james
1	1992-06-30

```
data william_1;
     set speed_daters (keep=william);
     william = input(william, yymmdd8.);
     format william yymmdd8.;
run;
```

```
49   data william_1;
50       set speed_daters (keep=william);
51       william = input(william, yymmdd8.);
52       format william yymmdd8.;
53   run;

NOTE: Numeric values have been converted to character values at the places given by:
      (Line):(Column).
      51:21
NOTE: Invalid argument to function INPUT at line 51 column 15.
william=. _ERROR_=1 _N_=1
NOTE: Mathematical operations could not be performed at the following places. The results of the
      operations have been set to missing values.
      Each place is given by: (Number of times) at (Line):(Column).
      1 at 51:15
NOTE: There were 1 observations read from the data set WORK.SPEED_DATERS.
NOTE: The data set WORK.WILLIAM_1 has 1 observations and 1 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.00 seconds
```

```
data william;
     set speed_daters (keep=william);
     william = input(put(william, 8.), yymmdd8.);
     format william yymmdd8.;
run;
```

```
54
55   data william;
56       set speed_daters (keep=william);
57       william = input(put(william, 8.), yymmdd8.);
58       format william yymmdd8.;
59   run;

NOTE: There were 1 observations read from the data set WORK.SPEED_DATERS.
NOTE: The data set WORK.WILLIAM has 1 observations and 1 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds
```

	william
1	67-08-12

```
data craig_1;
     set speed_daters (keep=craig);
     craig = datepart(craig);
 run;
```

```
98
99   data craig_1;
100      set speed_daters (keep=craig);
101      craig = datepart(craig);
102  run;

NOTE: There were 1 observations read from the data set WORK.SPEED_DATERS.
NOTE: The data set WORK.CRAIG_1 has 1 observations and 1 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.01 seconds
```

	craig
1	01JAN1960:01:36:18

```
data craig_2;
     set speed_daters (keep=craig);
     craig = datepart(craig);
     format craig yymmdd10.;
run;
```

```
103
104  data craig_2;
105      set speed_daters (keep=craig);
106      craig = datepart(craig);
107      format craig yymmdd10.;
108  run;

NOTE: There were 1 observations read from the data set WORK.SPEED_DATERS.
NOTE: The data set WORK.CRAIG_2 has 1 observations and 1 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.01 seconds
```

	craig
1	1975-10-27

```
data craig;
     set speed_daters (keep=craig);
     craig = datepart(craig);
     format craig worddate18.;
run;
```

	craig
1	October 27, 1975

Event Two (three months later)

James

- Young, idealistic
- Sign: Cancer (the crab)

1992-06-30

- Format: yymmdd10.

William

- Mature, dependable, frugal
- Sign: Leo (the lion)

67-08-12

- Format: yymmdd8.

Craig

- Slightly obnoxious
- Sign: Scorpio (the scorpion)

October 27, 1975

- Format: worddate18.

So who did Sharon pick?

?

?

?

She went on a date with William

- Mature, dependable, frugal
- Sign: Leo (the lion)

67-08-12

- (although she did suggest he change from yymmdd8. to yymmdd10.)