```
GET

GET FILE="C:\Program Files\PSPP\share\pspp\examples\hotel.sav".


GET

GET FILE="C:\Program Files\PSPP\share\pspp\examples\physiology.sav".


CORRELATIONS

CORRELATION
      /VARIABLES =  height weight
      /PRINT = TWOTAIL SIG.
```

Correlations

		Height in millimeters	*Weight in kilograms*
Height in millimeters	*Pearson Correlation*	1.00	.35
	Sig. (2-tailed)		.03
	N	40	40
Weight in kilograms	*Pearson Correlation*	.35	1.00
	Sig. (2-tailed)	.03	
	N	40	40

```
CORRELATIONS

CORRELATION
      /VARIABLES =  sex height weight temperature
      /PRINT = TWOTAIL SIG.
```

Correlations

		Sex of subject	*Height in millimeters*	*Weight in kilograms*	*Internal body temperature in degrees Celcius*
Sex of subject	*Pearson Correlation*	1.00	-.51	-.76	.21
	Sig. (2-tailed)		.00	.00	.20
	N	40	40	40	40
Height in millimeters	*Pearson Correlation*	-.51	1.00	.35	.10
	Sig. (2-tailed)	.00		.03	.55
	N	40	40	40	40
Weight in kilograms	*Pearson Correlation*	-.76	.35	1.00	-.29
	Sig. (2-tailed)	.00	.03		.07
	N	40	40	40	40
Internal body temperature in degrees Celcius	*Pearson Correlation*	.21	.10	-.29	1.00
	Sig. (2-tailed)	.20	.55	.07	
	N	40	40	40	40

```
REGRESSION
```

```
REGRESSION
      /VARIABLES= sex height temperature
      /DEPENDENT=      weight
      /STATISTICS=COEFF R ANOVA
      /SAVE= PRED RESID.
```

Model Summary

R	R Square	Adjusted R Square	Std. Error of the Estimate
.77	.59	.57	17.76

ANOVA

	Sum of Squares	df	Mean Square	F	Significance
Regression	16455.13	3	5485.04	17.39	.00
Residual	11357.88	36	315.50		
Total	27813.00	39			

Coefficients

	B	Std. Error	Beta	t	Significance
(Constant)	164.26	59.35	.00	2.77	.01
Sex of subject	-38.77	6.87	-.73	-5.64	.00
Height in millimeters	.00	.01	.00	-.04	.97
Internal body temperature in degrees Celcius	-2.00	1.65	-.14	-1.21	.23

```
REGRESSION
```

```
REGRESSION
      /VARIABLES= sex temperature height
      /DEPENDENT=      weight
      /STATISTICS=COEFF R ANOVA
      /SAVE= PRED RESID.
```

Model Summary

R	R Square	Adjusted R Square	Std. Error of the Estimate
1.00	1.00	1.00	1.08

ANOVA

	Sum of Squares	df	Mean Square	F	Significance
Regression	11422.53	3	3807.51	3281.72	.00
Residual	41.77	36	1.16		
Total	11464.30	39			

Coefficients

	B	Std. Error	Beta	t	Significance
(Constant)	88.80	3.60	.00	24.67	.00
Sex of subject	-34.09	.42	-1.00	-81.80	.00
Internal body temperature in degrees Celcius	.05	.10	.01	.54	.59
Height in millimeters	.00	.00	-.01	-.42	.68

```
SAVE
```

```
SAVE OUTFILE="C:\Program Files\PSPP\share\pspp\examples\physiologyCorrected.sav".
```

```
GET
```

```
GET  FILE="C:\Program Files\PSPP\share\pspp\examples\physiology.sav".
```