

```
## Warning: package 'kableExtra' was built under R version 3.4.4
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##    42.00  75.50   83.50   80.46  90.00   99.00
```

```
## -----
## 1 | 2: represents 12, leaf unit: 1
##      Class23      Class24
## LO: 47          LO: 42 47 49
## -----
##      | 6* | 0      4
##      | 6. | 78     6
## 4      422| 7* | 134  9
## 5      8| 7. | 6778  (4)
## (8) 43222100| 8* | 34  (2)
## (6) 665555| 8. | 5788 11
## 7      11100| 9* | 00123 7
## 2      98| 9. | 78     2
##      | 10* |
## -----
## n:      26      26
## -----
```

```
##
## Call:
## lm(formula = Scores$Physics ~ Scores$Calculus)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -5.7901 -3.5787 -0.7151  4.7675  6.0577
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    33.2662    12.4828   2.665 0.016944 *
## Scores$Calculus  0.6152     0.1481   4.155 0.000746 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 4.491 on 16 degrees of freedom
## Multiple R-squared:  0.519, Adjusted R-squared:  0.4889
## F-statistic: 17.26 on 1 and 16 DF, p-value: 0.0007456
```

```
1 | 2: represents 12
  4* | 2
  4. | 779
  5* |
  5. |
  6* | 0
  6. | 78
  7* | 122344
  7. | 67788
  8* | 0012223344
  8. | 5555566788
  9* | 0000111123
  9. | 7889
```

```
1 | 2: represents 12
  4 | 2779
  5 |
  6 | 078
  7 | 12234467788
  8 | 00122233445555566788
  9 | 00001111237889
```

Table 1: Final scores

X	CLASS	GENDER	MID	FINAL	BASKETBALL
James	23	M	74	86	N
Andrew	23	M	74	86	Y
Jim	23	M	23	47	Y
Kim	23	M	61	78	Y
Mark	23	M	97	98	N
Owen	23	M	73	85	Y
Cook	23	M	98	99	Y
Albert	23	M	81	90	Y
Donald	23	M	70	84	N
Peter	23	M	53	72	Y
Vince	23	M	68	82	Y
Davis	23	M	83	91	Y
Alan	23	M	82	90	Y
Nick	23	M	64	80	N
Elina	23	F	72	85	N
Daisy	23	F	68	82	Y
Crystal	23	F	53	72	N
Karida	23	F	66	81	N
Linda	23	F	83	91	N
Dale	23	F	70	83	Y
Sandy	23	F	56	74	N
Emma	23	F	65	80	N
Angela	23	F	72	85	N
Katie	23	F	84	91	N
Eileen	23	F	73	85	N
Meggie	23	F	68	82	N
Jack	24	M	45	67	Y
Stan	24	M	23	47	Y
Ryan	24	M	60	77	Y
Murphy	24	M	36	60	N
Mike	24	M	82	90	Y
Antony	24	M	18	42	Y
Clare	24	M	86	93	Y
David	24	M	83	91	Y
Taylor	24	M	69	83	Y
Park	24	M	78	88	N
Gary	24	M	51	71	Y
Carson	24	M	85	92	Y
Elvis	24	M	25	49	Y
Kelly	24	F	59	76	N
Sara	24	F	3 77	88	N
Cherry	24	F	61	78	N
Lucy	24	F	54	73	Y
Hellen	24	F	46	68	N
Chloe	24	F	95	97	Y
Dorothy	24	F	82	90	N
Natalie	24	F	73	85	N
Vivien	24	F	76	87	N

Table 2: Final scores

	Calculus	Physics
James	75	74
Sam	87	83
Crystal	88	92
Evelyne	84	82
Phoebe	89	86
Vince	76	85
Mike	71	76
Lucy	81	89
Kitty	86	91
Owen	88	82
Angela	96	93
Christina	87	81
Jamie	84	80
Meggie	80	82
Kevin	97	99
Tom	90	86
John	81	88
Jason	72	80