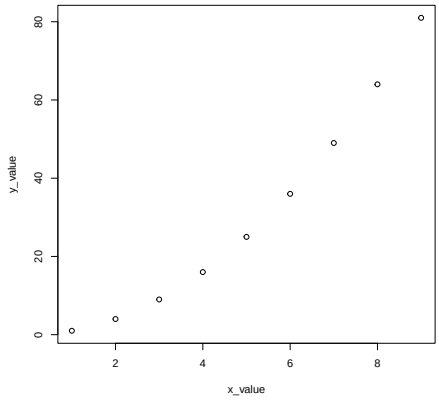

Figure 1: Diagram.

```
Call:
lm(formula = y_value ~ x_value, data = data)

Residuals:
   Min     1Q Median     3Q    Max
-6.667 -5.667 -2.667  2.333  9.333

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept) -18.3333     4.8189  -3.804  0.00668 **
x_value      10.0000     0.8563  11.677 7.63e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 6.633 on 7 degrees of freedom
Multiple R-squared:  0.9512,Adjusted R-squared:  0.9442
F-statistic: 136.4 on 1 and 7 DF,  p-value: 7.632e-06
```

Figure 2: Regression.

This is the first sentence of my homework and has no meaning. Anyway, the data plot is shown in Figure 1, the regression result is shown as Figure 2.