Rmarkdown_template 1

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Basics 1

Use "#" to write the header; and you can control the size by adding more "#".

For example, in the assignment, you can:

Question 1: here, you basically copy and paste the question.

(a): balabala

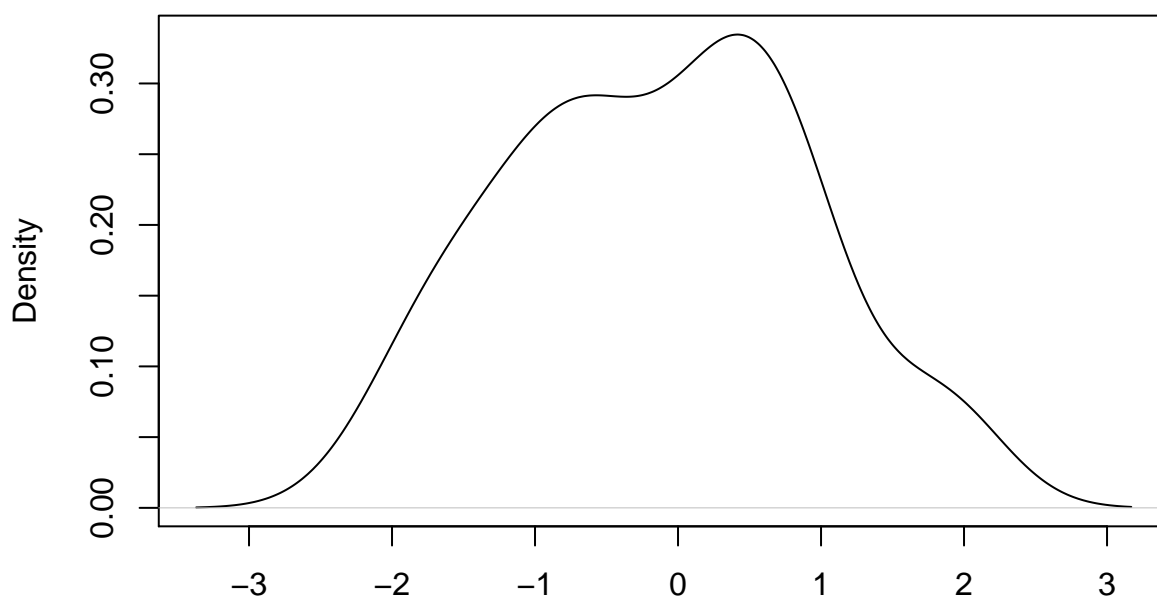**Solution: answer the questions here.**

(b): balabala

You can put the codes in the R code chunk:

```r
### r codes example
set.seed(320)

rand <- rnorm(50)    ### draw samples
plot(density(rand))    ### plot the density
```

density.default(x = rand)

N = 50   Bandwidth = 0.4296

Sometimes, you would like use Inline R code. You can evaluate R expressions inline by enclosing the expression within a single back-tick qualified with 'r'.

For example, I want to know 941+134=1075. (See rmd file how I calculate)

Creat list using the dash:

- item 1
- item 2

Emphasize with asterisk mark:

important or **important**

Mathematics 1

Write equations between $$ and $$. For example,

$$x_i + z^j = 8 - t$$

You can write inline equations between two dollar signs, $ equations $. For example: $y_i = 5x_i + 6$.

Also, use COMMAND aligned and &, one can write clean and beautiful equations: (see rmd file)

$$
\begin{aligned}
x_{ij} + z^{ij} &= 8 - t \\
y_i + z_i + t &= \frac{5}{7}
\end{aligned}
$$

If you like the Greek letters:

α β γ δ θ