1. Write the following equation in LaTeX overleaf?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

2. Write an inline equation in LaTeX overleaf?

...

This formula $f(x) = x^2$ is an example.

...

3. LaTeX overleaf command for insert a following table table?

Table 1: Your first table.

Value 1	Value 2	Value 3
α	β	γ
1	1110.1	a
2	10.1	b
3	23.113231	c

4. Write a LaTeX command multicolumn table in LaTeX overleaf?

Value 1	Value 2	Value 3
α	β	γ
12		a
2	10.10	b
3	23.11	c
4	25.11	d

5. Write a LaTeX command to Combining multi row and multicolumn?

Value 1	Value 2	Value 3
α	β	γ
1234		a
		b
3	23.11	c
4	25.11	d

6. Create BibTeX file for following references.

References

1. Laney D. 3D data management: controlling data volume, velocity, and variety, Application delivery strategies. Stamford: META Group Inc; 2001.
2. Mauro AD, Greco M, Grimaldi M. A formal definition of big data based on its essential features. Libr Rev. 2016;65(3):122–35.
3. Gubbi J, et al. Internet of Things (IoT): a vision, architectural elements, and future directions. Future Gener Comput Syst. 2013;29(7):1645–60.
4. Doyle-Lindrud S. The evolution of the electronic health record. Clin J Oncol Nurs. 2015;19(2):153–4.
5. Gillum RF. From papyrus to the electronic tablet: a brief history of the clinical medical record with lessons for the digital Age. Am J Med. 2013;126(10):853–7.
6. Reiser SJ. The clinical record in medicine part 1: learning from cases*. Ann Intern Med. 1991;114(10):902–7.

7. Write a Latex code for following BibTex styles and use above created BibTex file as source.

i) Abbrv

    ii) Alpha

    iii) Apalike

    iv) IEEEtr

8. Write a LaTeX syntax for referencing equations overleaf?

2.1 Powers series

$$\sum_{i=0}^{\infty} a_i x^i \tag{1}$$

Equation 1 is a typical power series.

9. In enumerate LaTeX, write a syntax for continuous numbering?

(i) One

(ii) Two

(iii) Three

1) One

2) Two

3) Three

a) One

b) Two

c) Three
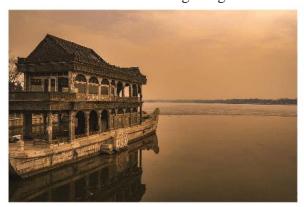
10. Write code for insert the following image in size 100.

Figure 1: A boat.

11. Write code for insert multiple images in LaTeX overleaf?

(a) Coffee.   (b) More coffee.

Figure 1: The same cup of coffee. Two times.