1. Using paragraphs, changing font size and types.

2. Find a latex template and create your own resume.

3. Create presentations using package **Beamer**.

4. Write algorithm for Bubble sort using package **algorithm**.

5. Solve following equation step by step:

$$5x^2 - 2x + 1 = 0$$

6. Multiply two matrices, one 3 by 2 and second 2 by 4. Take matrix value yourself.

7. Take your own code from an assignment and make it color-coded using **minted**.

8. Using chapter, section, subsection, subsubsection etc.

9. creating table of contents.

10. Write binomial formula for $(a+b)^5$

11. Write formula for sigma x^2.

12. solve following :

$$\int x\cos(x^2)dx$$

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13. Using references for tables, figures, algorithms and citations.

14. creating footnotes.

15. how to link table of content entries to page numbsers.