ASSESMENT 1

2D Modelling Project

| Module Title	Computer Graphics
Module Code	CPT205
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Degree Program	Information and Computer Science

1. Content
    a. Design
    b. Instructions
    c. Screenshots
2. Design
    a. Copyright: name, student ID
        i. Methods: Windows tools and OpenGL tools
        ii. "Bahnschrift SemiBold SemiConden" font
    b. Drawing XJTLU logo.
    c. Greeting words for the 15th anniversary of XJTLU.
    d. Drawing Center Building:
        i. For all of the images of b, c, and d:
        ii. Methods: OpenGL tools
        iii. Measure and calculate every point needed to be drawn.
    e. Background use typical XJTLU color, dark blue and purple.
        i. Further function 1: gradient colors
        ii. Further function 2: dynamic
    f. Automatically opening cover.
    g. Rolling clearable bullet screen.
        i. For both f and g:
        ii. Methods: OpenGL tools, C++ tools
        iii. Adjust the marks of every sentence according to the system time.
3. Instructions
    a. No instruction: the cover will automatically open.
    b. No instruction: wait for several seconds, then the bullet screen will be shot from right to left.
    c. Mouse operations (optional):
        i. Click the mouse (left or right) to change the greeting words
    d. Keyboard operations (optional):
        i. Notice: when pressing, please adjust to English typewriting, do not use Chinese or other language typewriting.
        ii. Press 'c' or 'C' to clear the bullet screen.
        iii. Press 'v' or 'V' to re-view the bullet screen.
        iv. Press 's' or 'S' to stop the background shining.
        v. Press 'r' or 'R' to restart the background shining.
        vi. Press 'f' or 'F' to fill (un-fill: double press) the CB's color.
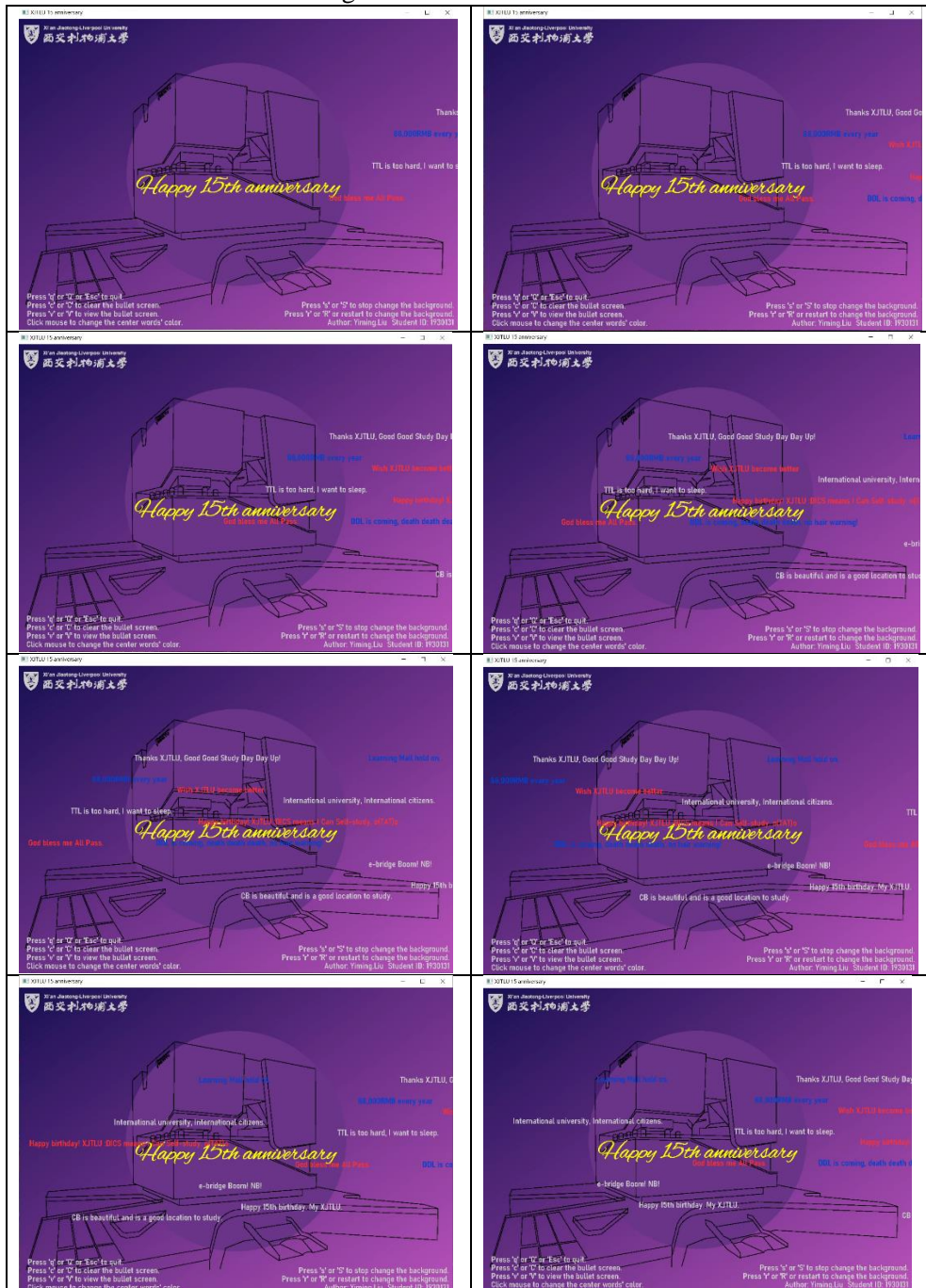   vii. Press 'q', 'Q', or 'Esc' to quit the greeting card.
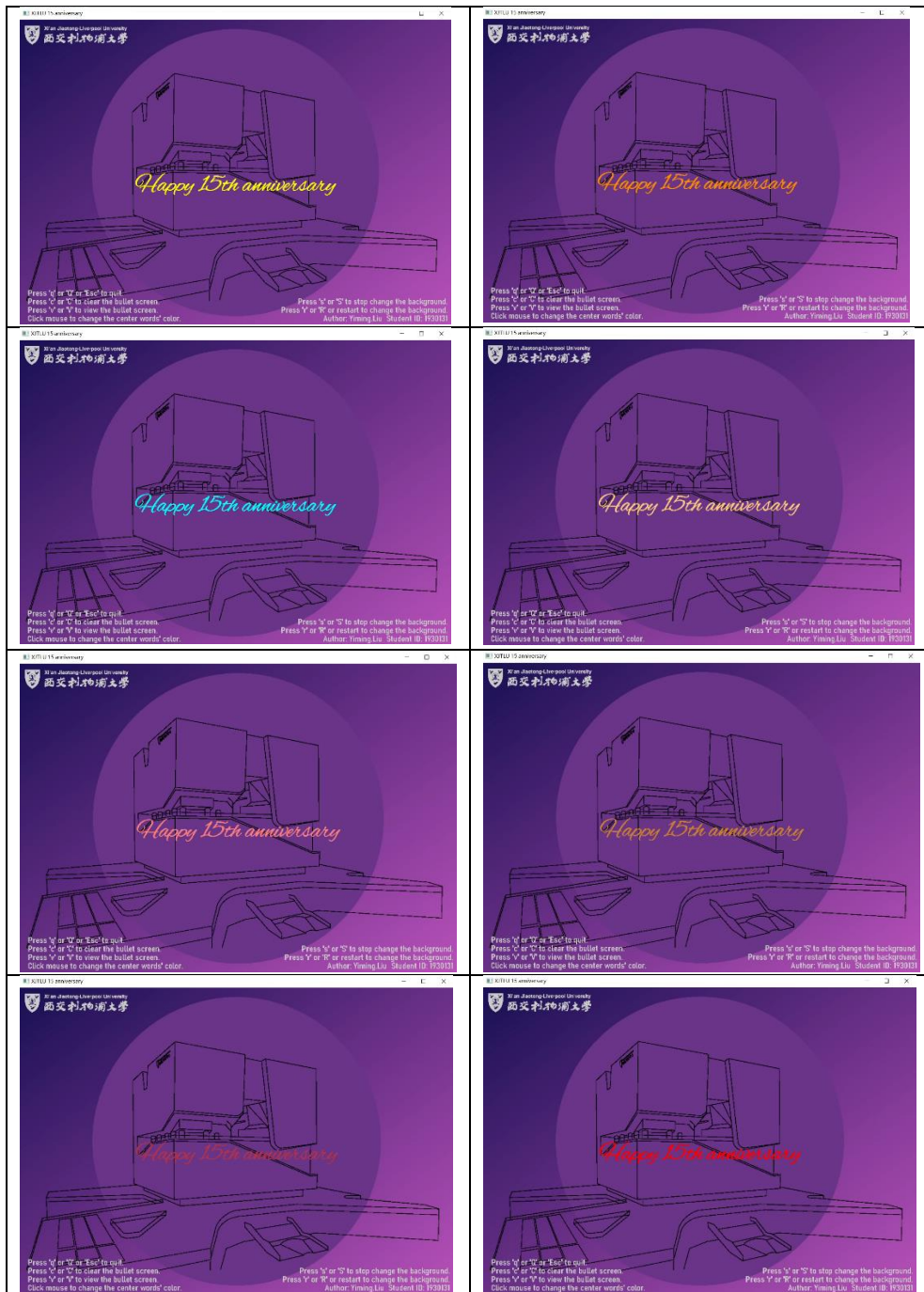
4. Screenshots
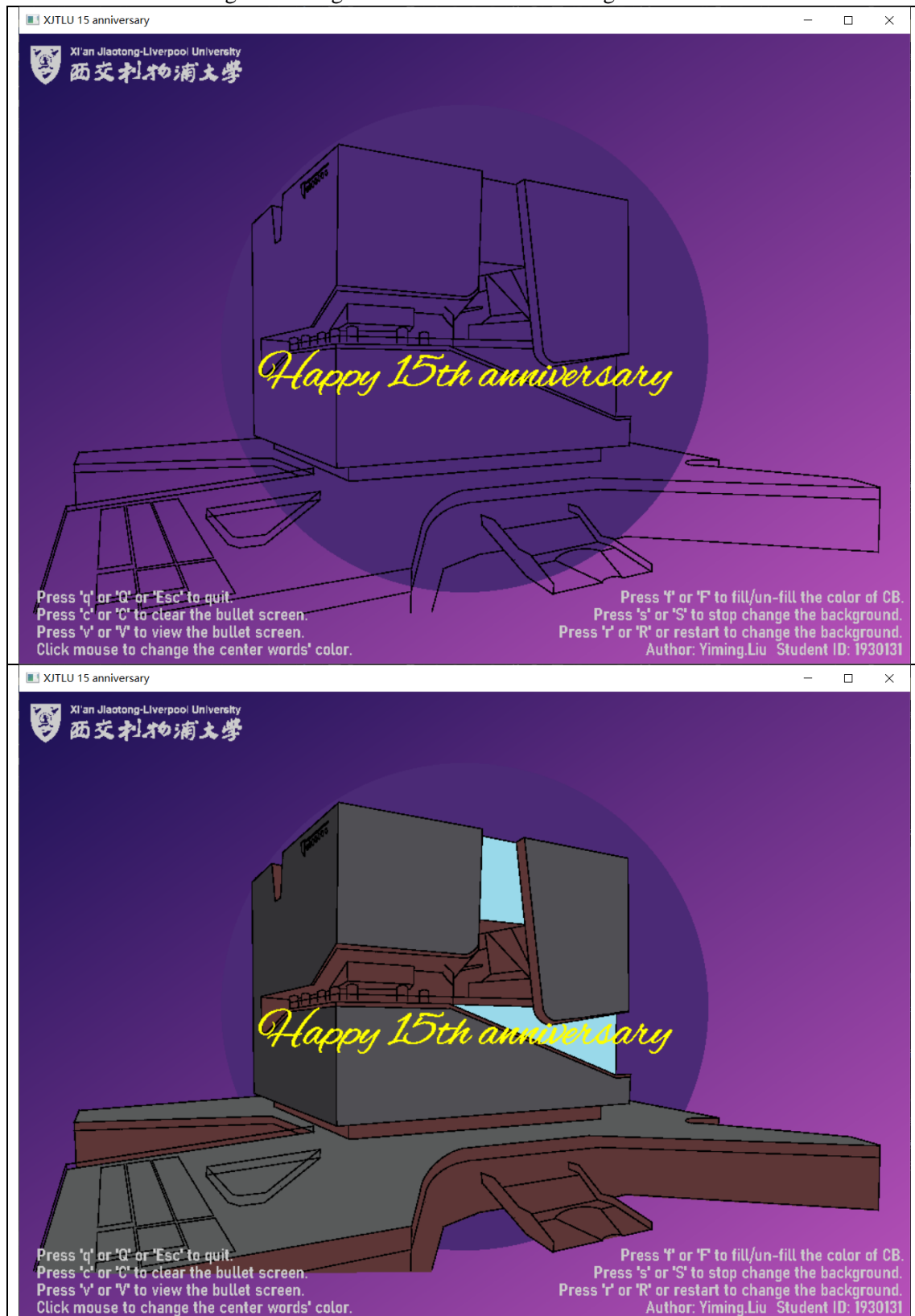   a. Cover opening
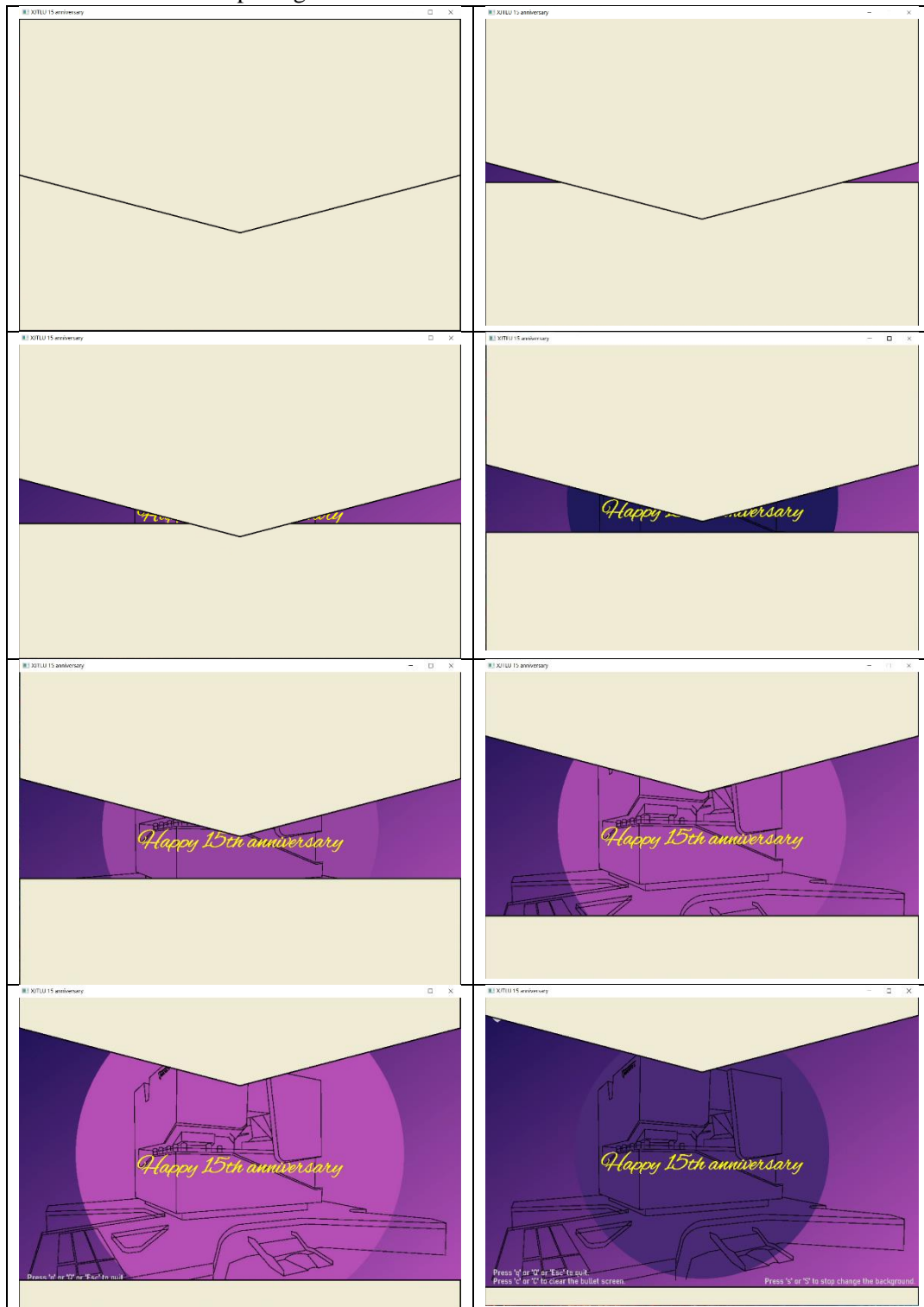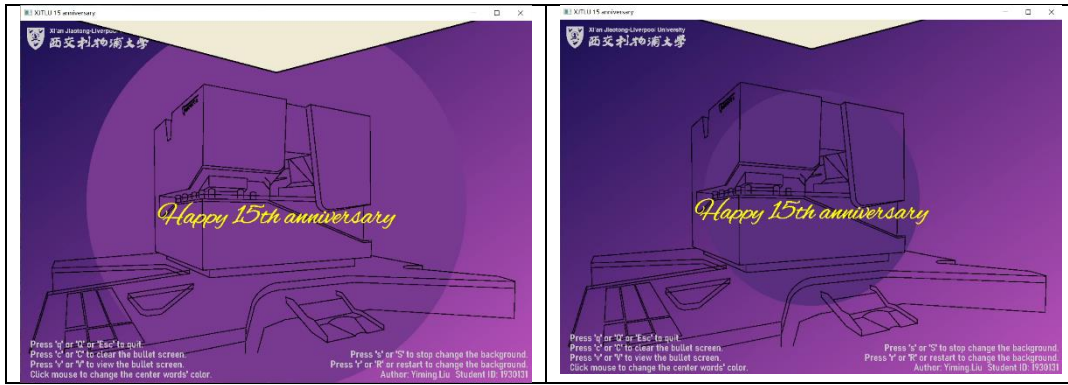
b. Bullet screen rolling

c. Change the color of the greeting words

d. Filling/Un-Filling the color of Center Building

Thank You for your reading!