Computer Graphics Lab 02-

Inkscape Basics -part 1

# Reference:

<https://www.youtube.com/watch?v=8f011wdiW7g&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv>

# Tools

**Inkscape:** [**https://inkscape.org/release/inkscape-1.0.2/**](https://inkscape.org/release/inkscape-1.0.2/)

# Labs

| **Lab ID** | 2-1 |
| --- | --- |
| **Goal** | Getting familiar with UI |
| **Steps** | <https://www.youtube.com/watch?v=8f011wdiW7g&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv> |

| **Lab ID** | 2-2 |
| --- | --- |
| **Goal** | Shape and drawing tools |
| **Steps** | <https://www.youtube.com/watch?v=LEjlKhVnJgU&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=2> |

| **Lab ID** | 2-3 |
| --- | --- |
| **Goal** | Fill and stroke options |
| **Steps** | <https://www.youtube.com/watch?v=o86MLSQHtMg&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=3> |

| **Lab ID** | 2-4 |
| --- | --- |
| **Goal** | Groups, levels and object selections |
| **Steps** | <https://www.youtube.com/watch?v=D_53Cb9aR0c&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=4> |

| **Lab ID** | 2-5 |
| --- | --- |
| **Goal** | Document properties and export PNG |
| **Steps** | <https://www.youtube.com/watch?v=67-UDoYZG8U&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=5> |

| **Lab ID** | 2-6 |
| --- | --- |
| **Goal** | Text and Font |
| **Steps** | <https://www.youtube.com/watch?v=W9y_D90L8Jo&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=6> |

| **Lab ID** | 2-7 |
| --- | --- |
| **Goal** | Draw lines and paths |
| **Steps** | <https://www.youtube.com/watch?v=p67XVtX07eM&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=7> |

| **Lab ID** | 2-8 |
| --- | --- |
| **Goal** | Free hand drawing tool |
| **Steps** | <https://www.youtube.com/watch?v=O9IeQLlqIL0&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=8> |

| **Lab ID** | 2-9 |
| --- | --- |
| **Goal** | Bezier Tool |
| **Steps** | <https://www.youtube.com/watch?v=4dI4lD3ievI&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=9>  وللاطلاع self learning: <https://www.youtube.com/watch?v=sagrkdmC_BI&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=10> |

| **Lab ID** | 2-10 |
| --- | --- |
| **Goal** | Boolean operations |
| **Steps** | <https://www.youtube.com/watch?v=jxhR9aT6crU&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=12> |

| **Lab ID** | 2-11 |
| --- | --- |
| **Goal** | layers |
| **Steps** | <https://www.youtube.com/watch?v=d2MO25zNYW8&list=PLqazFFzUAPc5lOQwDoZ4Dw2YSXtO7lWNv&index=15> |