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| C:\Users\User\Desktop\Jahangirnagar_University_(emblem).png  **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  **Jahangirnagar University**  **Lab Assignment-1**  **Course Code:** CSE-456  **Course Title:** Multimedia and Animation Techniques Laboratory.  **SUBMITTED TO:**  Dr. Mohammad Zahidur Rahman  Professor  Department of Computer Science and Engineering  Jahangirnagar University  **SUBMITTED BY:**  Nusrat Sultana  Roll: 358  4th Year 2nd Semester  Session: 2016-17  **Date :** 17-02-2021 |

**Title:** Develop a new typeface of অ and ক.

**Equipment Needed:**

* FontForge
* Adobe Illustrator

**Tools:**

* Pen tool
* Pencil tool
* Eraser tool
* Shape tool
* Path finder tool
* Selection tool
* Zoom tool
* Hand tool

**Procedure:**

* Before starting the task, at first I download and install the FontForge open source and Adobe Illustrator software.

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| |  | | --- | | FontForge |  |  | | --- | | Adobe Illustrator | |

* After installing I draw অ and ক by using Adobe Illustrator. For drawing, at first I open this software then create a new file. In the new file Layer 1 will be created.

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* On the Layer 1 window I draw অ and ক in the separated two files .Here I mainly use pen tool, pencil tool, eraser tool, shape tool, path finder tool ,selection tool, zoom tool and hand tool for completing this font design.
* After completing my drawing I save this two files in the .svg file format.

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* Then I open the FontForge software and create new window and then change the unicode. I use H980x unicode.

Encoding => Forge Encoding => ISO 10646-1(Unicode,BMP)

* Then I use 0985 code for drawing অ and 0995 code for ক.
* After open the অ and ক window, I just import the .svg file which I created from the illustrator and the do some editing over it and at last save this two file in the .sdf format.

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**Starting & Finishing Time:**

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|  | **Starting Time** | **Ending Time** |
| **Illustrator file(.svg)** | 11-02-2021 | 14-02-21 |
| **FontForge file(.sdf)** | 15-02-2021 | 15-02-2021 |

**Github Link:**

**https://github.com/nusratshimu/Multimedia-Lab**