

University of Petroleum and Energy Studies

School of Computer Science

Department of Cybernetics

Graphics & Animation Tools

LAB FILE

(Session: 2020-2021)

Course: B.Tech with Specialization in Open Source and Open Standards

Submitted By-

Rahul Gupta

SAP ID -500062765

Roll No. -R100217055

Submitted To-

Dr. Durgansh Sharma

Associate Professor

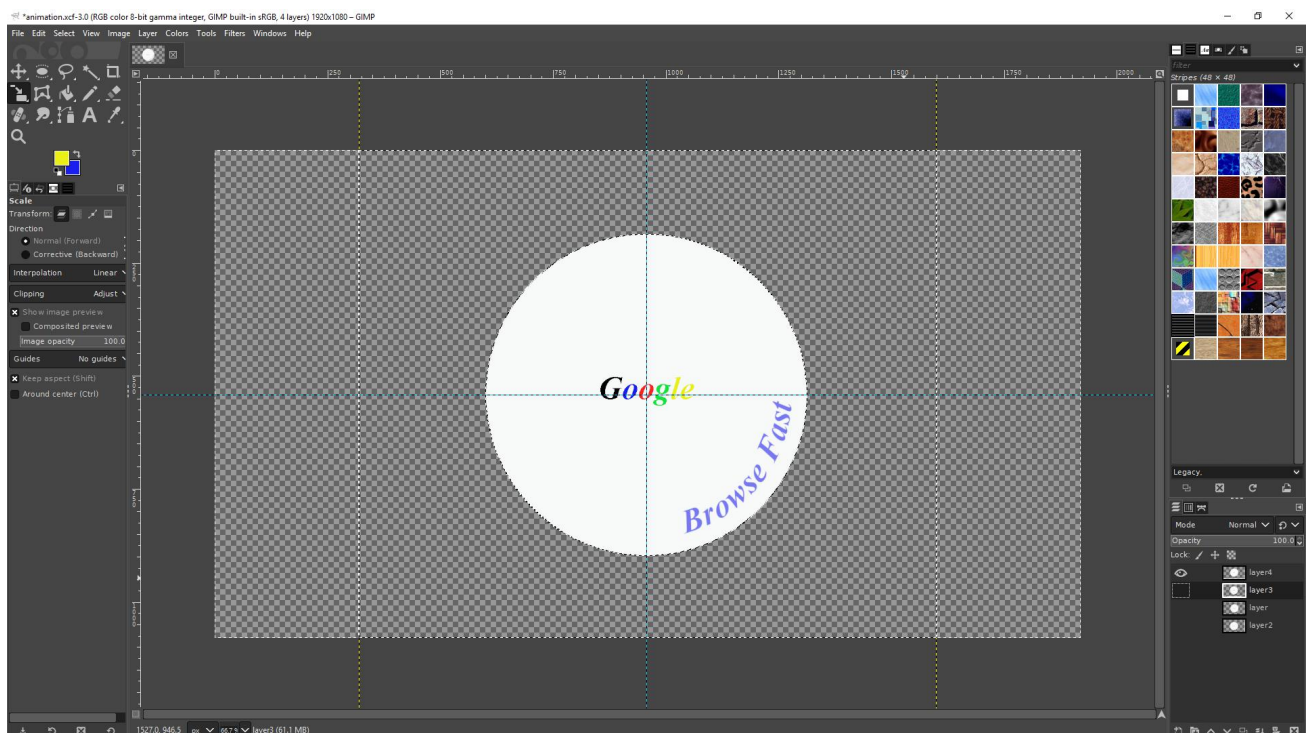
Department of Cybernetics

Experiment-4 Design your own animation using GIMP

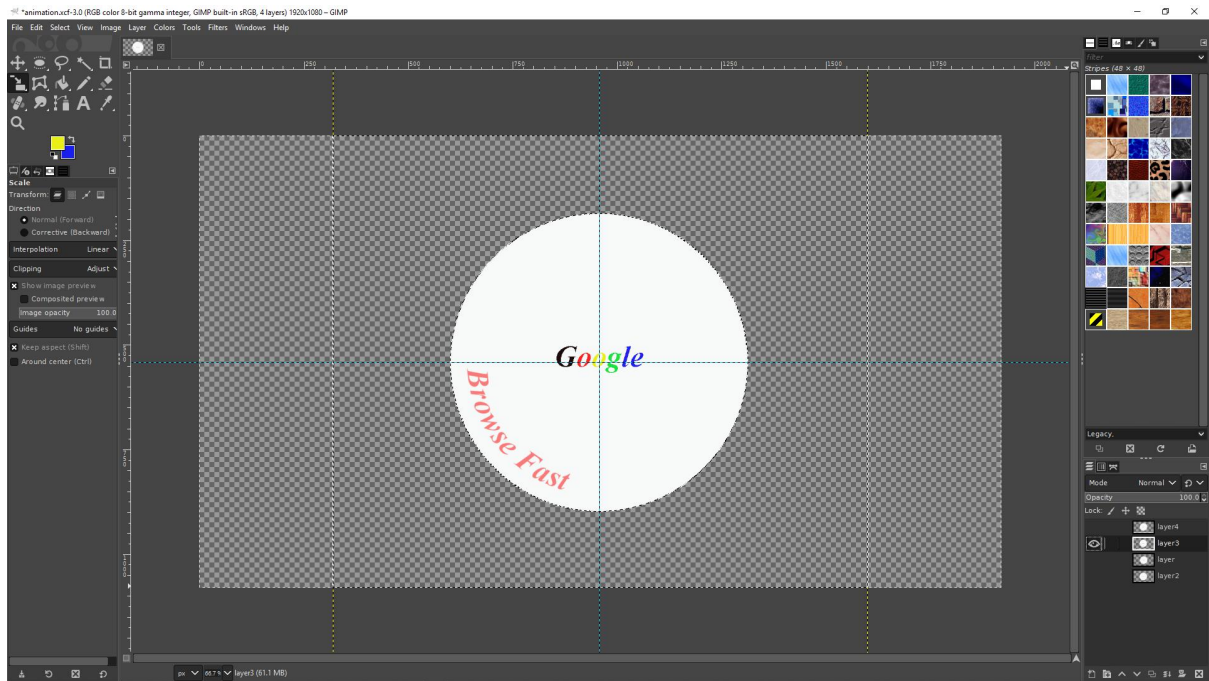
Step: 1 In the process of a creation of simple animation in GIMP, first we need to draw a simple picture in different frames by the help of Paint program or any tool.

Here I just take a simple circular path and align text along that path. After that using four different layers I fill that path with different colors and at different positions. For the outer circle part I just take a circular path and add alpha layer to every layer.

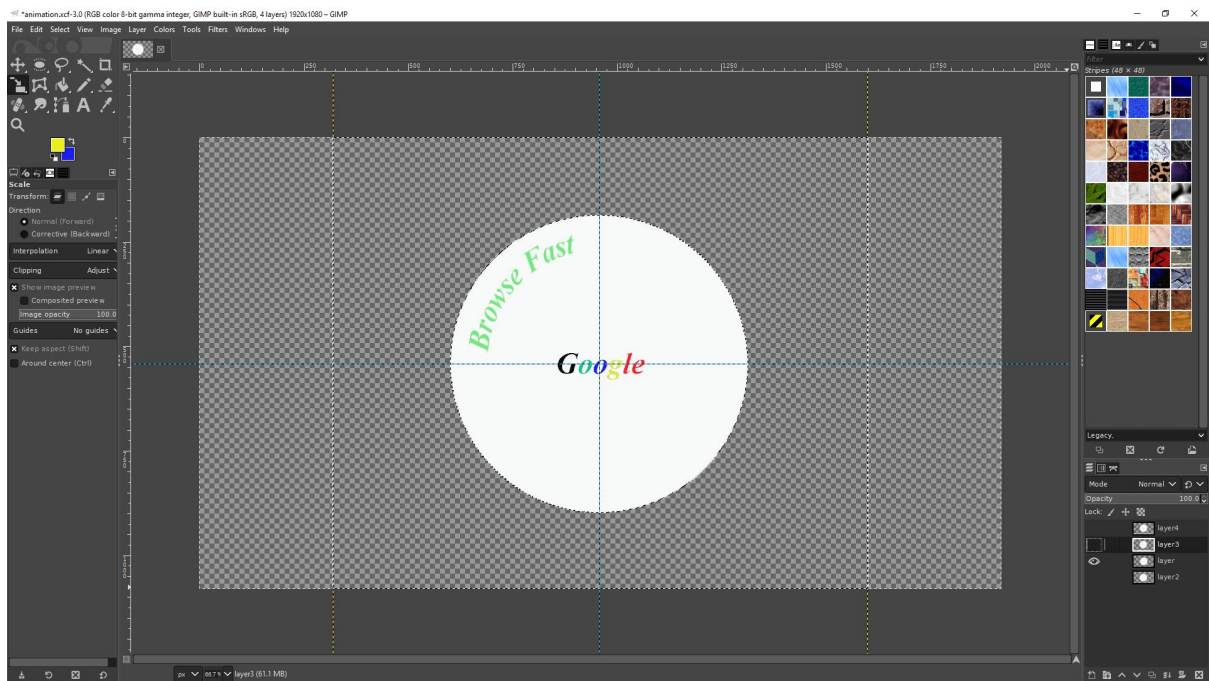
Layer 1:



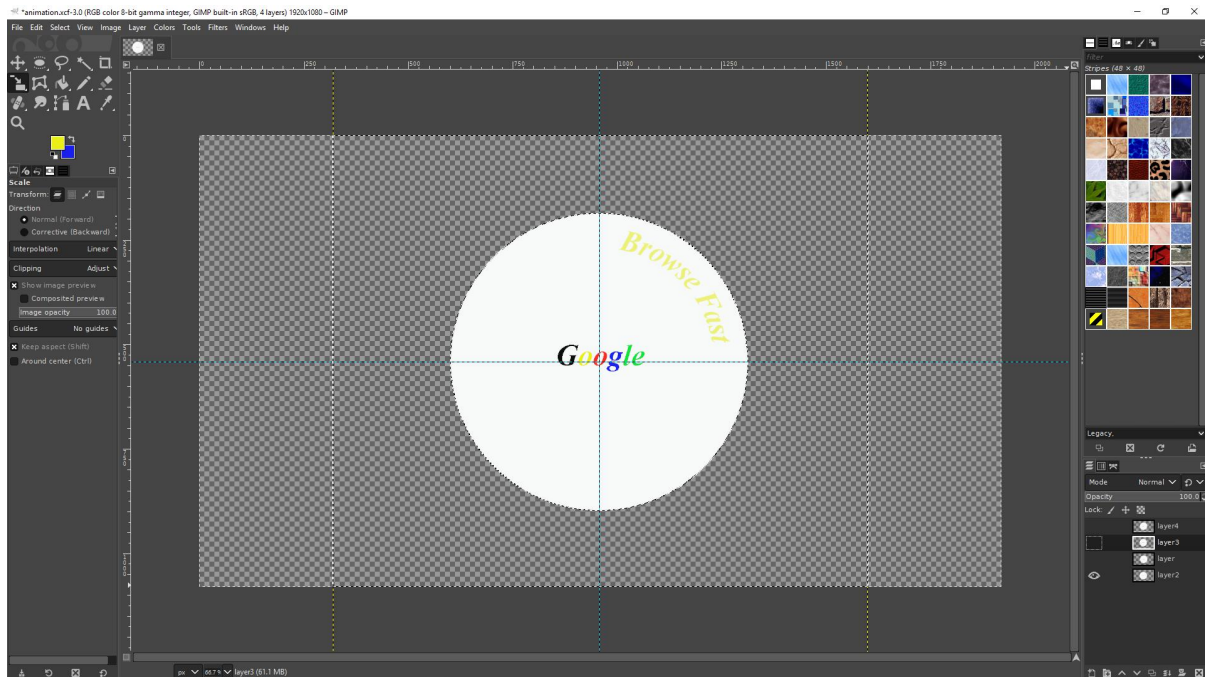
Layer 2:



Layer 3:

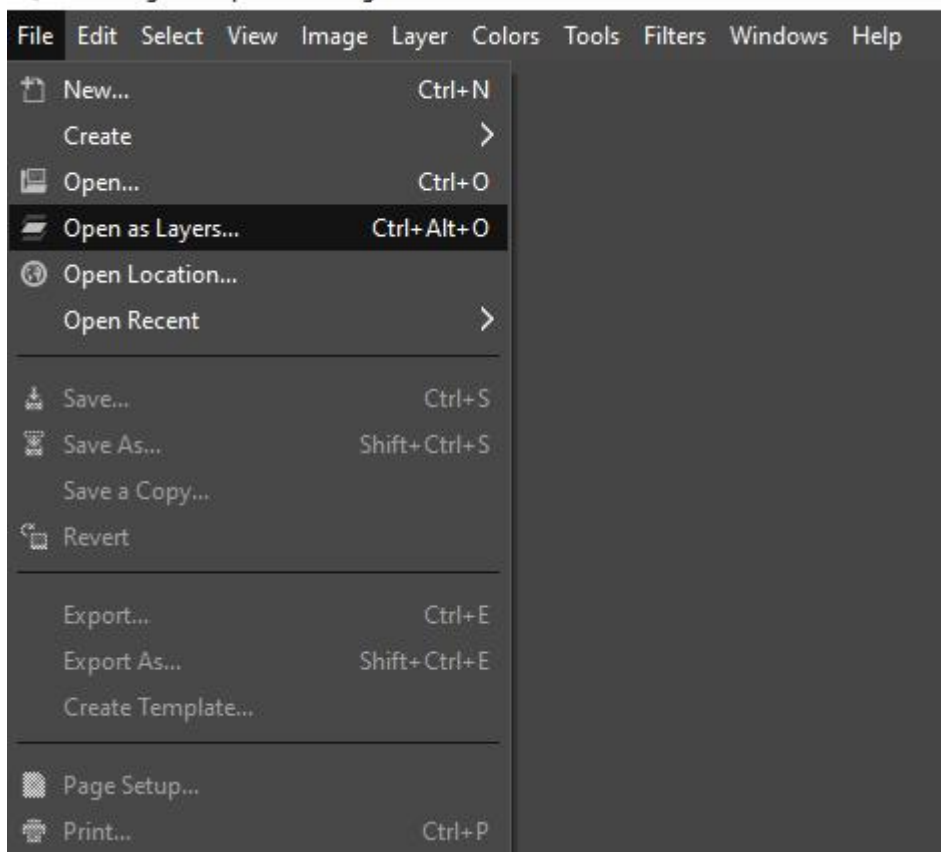


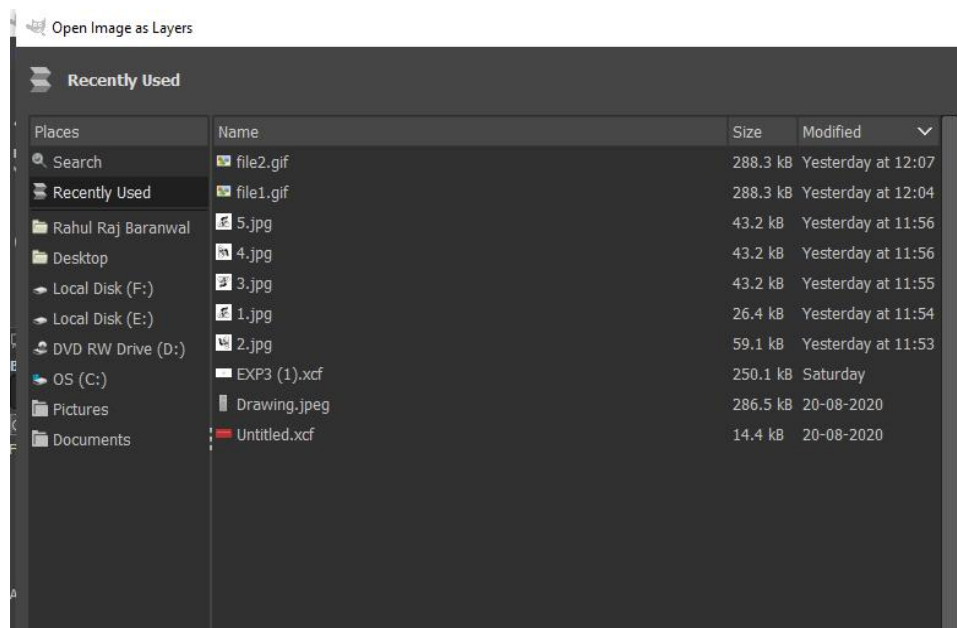
Layer 4:



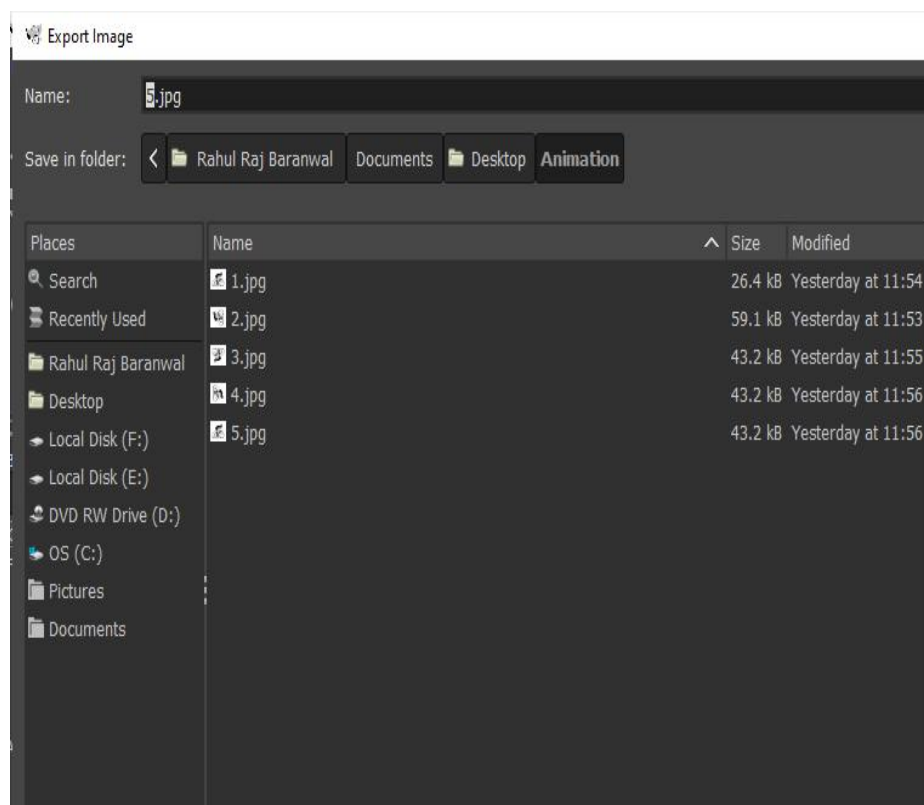
Step: 2 Open GIMP, and go to file->Open As Layers-> And open all the pictures as layers, ordered in chronological order.

 GNU Image Manipulation Program





Step: 3 After opening all the pictures as layers, go to export as settings and save the picture in any folder of your choice by the extension .gif. Then export it as animation. Set the delay between frames of your choice in milliseconds.



Step: 4 Now open the save file. You'll see that your pictures of different frames are now converted into one animation as a short GIF.



Fig: The final animation as a short GIF.