· Use the 'classic Twent to animals the balls molfon from' the top to the ground.
Adjust the motion path to represent a realistic lange.

Add addflenad Keglæme and adjut llre mollon path to create a subsequent barmes, decreosling the helight In each bounce.

5. Apply Sawsh and Shelth

Add a regione at the point of confactuilh ground and manually squarh the ball to create a reallistic impact effect.

strein the boul aft was other each bond to enhane the sensed speed and energy

6 Adjut Timms

other natural motten, considering grantly and docada partion.

7. Add Background and Filmod Toucher
Downor import a background at separated ager

. Add on rothamnt loan mather

g. Test and Expand

· Previou the antimation to ensue smooth molfor and timing · Export the final antimation in approximate formation.

Lab no 3 Antrode a bounding bald using Adobe Animak Objective: To create a animation of a bounding bald using Adde Animale, demonstrating prindple of molin, timing, and squarb and stretcheffers

Materials: Adobe Animale Software

3 le P6:

1. Create a ball

• Open Adobe Animaka and creak anew project with appropriate stage almension.

· Use Oval book to draw a circub that represents the boul gs centered on the stag.

2. Add dayers

· Create separate Jayers for the bowl and the ground · This will help in organizing be animation and applying effects separately

3. Set up Mollon

· Convert the Bask to a symbol by selectry.
It and pressing `F8'.

. Creak a Keyfrom whom the ball stork of the top of stage. Insert grother keyfrom at the point where the ball should bruch

•

OUTPUT

Direct Streets







CS CamScani

fey from s and chassic lums. The squash and sbrick in limbal account applited to strauture the physical effect of empoct and rebound.

Adjustments were made and to timing to enhance readism and complete the animation

In this Jabs we created a bouncing bold animaken using Adobe Animoto we begon by designing

the ball and the boll motton was anomated using

Thus, this lab holps us how to apply they animetron pernethus, such as mother, timing.

ond savesh. The outcome was a smooth and read Rive toounding ball animality demonstrating our understanding of three essential concepts in Adobe Animate.

CS CamScan

2 . 11 0 1 · 0 · 1 0 H . OUTPUT

elemnis, and used leart and components. The design was reveived and refined. The process demonstrated In this lab, we used from to design costomprophi We set up the Files crashed a layouts added and slysled the procted application of design boals and principles PA Figura Discussion

Use dreften loads to percedua avoidily results with the copobilition for creating curism closian Co Dearned to Final design reflecting a color unterstanding of Jayans Conclusions this She effectively showcord Figures slyling and interactively.

To use Frama to create culton daign, appulying vortous desten toods and techniques to acheive Creale your own design using Figma Chiechives dab no 9

huser Lonoless and professional result 1) Selvo File

. Open Figure, create a new fib, and set you convos size or from.

. Use the frome took to define your design lay out and add giths for altenment Greate Loyout

Add Edemenls 3)

. Use a shope to us to croate edements and style them will colors, gradients or bor ders, Import images or grons as needed.

3

· Irent fort boxes, choose forts and styles, and adjust allgament ord spacing.

Greamy-bosed binoytree to assim vary cocks to characters. This process they colector the construction and code. The resulting compressed data wasama the effediminss of Hulfman encoding

Discussion blomenbd Huffmon encoding

Creole Componnis: 53

· Design reveable components (e.g bullow) and and Interaction if required

Review and Refre G

Chart for constitung and make adjustmends based on feed bact

Thus, Unis shows Hullima encoding e dala basad on charocler Frequencies. L inpanont. The algorithm in python and

Consussion.

Ihrovah Vargable Length encoding

CS

Ex 12x+ Designs 7

CS

· Escoport your desting in desired format wills -1.0 ....

newoodes Nodech 17. fragtright From Mahi symbol Lofts afg heapy. hey poust (nodes mew Node) 12 int Cr In Huffman Codos: "

PS F:\Lab Report\Sth Sem\Pulltimedia> python -u "f:\La Characters and their frequencies: printNo de SCnodos [a] OUTPUT

PS F:\Lab Report\5th Name: Dipesh Shrestha

CS

 $\leftarrow$ 

## Lab\_1\_and\_2

& ab no 1:

Removing the background noise from recorded voice signal audio file.

Objective: To remove the background noise from a recorded voice signal using audacity and analyze the

Materials: Audacity software, Recorded voice signal audio file (with background noise.

## Sleps:

- 1) Import Audio File
  - · Go to File > Open and select the recorded viole signal audio fila
- 2) I Select a Noise Profile
  - · Identify and high Fight the segment of audio that contains only background noise young Selection local CI -beam icon)
  - . Go to Effect > Noise Reduction
  - · (Lick get Noise Profile.
- 3) Apply Noise Reduction
  - · Select the entire track by Select > All CCLX4+A)
  - Go to Effect > Noisa Reduction again ((trlt)
  - Set the Noise Reduction CdB), sonslivity and. Frequency Smoothing. You an stort with default and adjust as necessary.

    Cultick Ok to apply the noise reduction
- Listen and Fine-Ture
  - . Play the audio to check the quality.
  - . If nocessory, sereat noise reduction promss with adjusted setting until desired avality is acheived
- Save the cleaned Audio 5)

Rocult

21

Go to fle> Escport and choose the desired format (e.o WAY MP3)

CS CamScanner

D9	Scussfon: In this lat	o, we used	Audaelly to remov	3 background	
	C) Mobile view	OO Preview	Projection	<b>∐</b> Edit	
	remova	y milhy noice	cula=9 ty		

and effective took for this purpose. I hrough this habe we bearned the steps to perform notise reduction and importance of fine-loning the settings to acheive the best results.

2

CS CamScanner

## dab no 2:

Mixing the two audio files together

<u>Objective</u>: To mise the two audio files together and analyze the results

Malerials: Audacity software, Two audio files to be misced.

## Steps:

- 1) Import Audio Files
  - · Go to the File > Import > Audio and select the first audio File
  - · Repeat the process to import second audio file
- 2) Allgn Tracks
  - · Use Time shift tool Colder version) to align tracks as desired (In newer version). Hold on top of convertorm and drag the elip to a light as you need
- 3) Adjust voluma devrols
- . Use the slider on the leftside of each track to bolance the volume devals.
- u) Mix and Render
- · Go to Tracts > Mix > Miscand Render. This will combine the tracks into one
- 5) Export the Mixed Audio.
- · Go to File > Export and choose the desired for mat Ceg. WAV, MP3)

CS CamScanner

3

Discussion To the lab was mised law audio files together using