

NAME: YASH RAJ

BRANCH: CSE

UID: 21BCS11765

DATE OF PERFORMANCE: 29/03/2022

SECTION/GROUP: 509-B

EXPERIMENT-2.2

1. Aim of the EXPERIMENT:

Create an augmented reality layer using synthetic texture for smart phone applications.

2. Tool Used:

Blippar (an open source cloud based AR platform)

3. Basic Concept/ Command Description:

Blippar is a technology company specializing in Augmented Reality and Computer Vision (AI). Blippar's vision is to enhance everyday life with Augmented Reality and give you more from the world you see – more entertainment, more information, more value.

Blippar's focus on mobile and WebAR, and a proprietary content creation and publishing platform, Blippbuilder, that enables users to create and publish AR content themselves.

LINK: <https://www.blippar.com/>

STEP BY STEP PROCEDURE FOR BlippAR:

STEP 1: Create an account on BlippAR website (sign up).

STEP 2: Login your account with registered credentials.

STEP 3: Click on Web AR Project Button on the website.

STEP 4: Now, OPT for the "AROUND THE USER" Option

STEP 5: You can also select the "ON ANY FLAT SURFACE" Option.

STEP 6: Give your BlippAR project name and continue.

STEP 7: From the left hand side menu, there is a 3D shapes menu given.

STEP 8: Drag and drop the 3D elements from that menu given to the central area sphere of that window. STEP 9: You can select the multiple 3D objects from the menu.

STEP 10: Fill the Colour of your choice in the Distinct shapes of the elements.

STEP 11: Now, Click on preview option given on top right corner of the page.

STEP 12: Scan the QR code with the help of QR code scanner that appears on the screen with your smartphone and verify or test the results after scanning the code.

STEP 13: If the test results are correct, click on continue editing option.

STEP 14: Now, Publish your AR using the "PUBLISH" option given on top right corner of the page.

SNAPS OF STEPS:

1:

WE MAKE AR CREATION EASY

Create your own immersive AR experiences, or build powerful augmented reality from scratch using our tools. If you need expert advice, Blippar Studio will help

2:

Sign up to get started

<input type="text"/>	<input type="text"/>
<small>You didn't enter your first name.</small>	
<input type="text"/>	
<input type="text"/>	<input type="text"/>
<input type="text"/>	
<input type="text"/>	

By registering, you agree to the [User Agreement](#) and to Blippar collecting and using your personal information in accordance with our [Privacy Policy](#)

Sign me up for updates and newsletters

I'm not a robot



CONTINUE

3:

blippar DOCUMENTATION AND HELP FAQs

Log in

Email

Password

[Can't remember your password?](#)

[LOG IN](#)

New user?

Sign up to get started


[SIGN UP](#)

4:

blippar DOCUMENTATION AND HELP FAQs **YASH RAJ**

Welcome Yash


WEBAR SDK



[GET A LICENSE](#) [DOWNLOAD SDK](#)

Create Web AR projects within your infrastructure


BLIPPBUILDER



[CREATE A WEB AR PROJECT](#)

Create an AR project that works in the **web browser**

APP AR



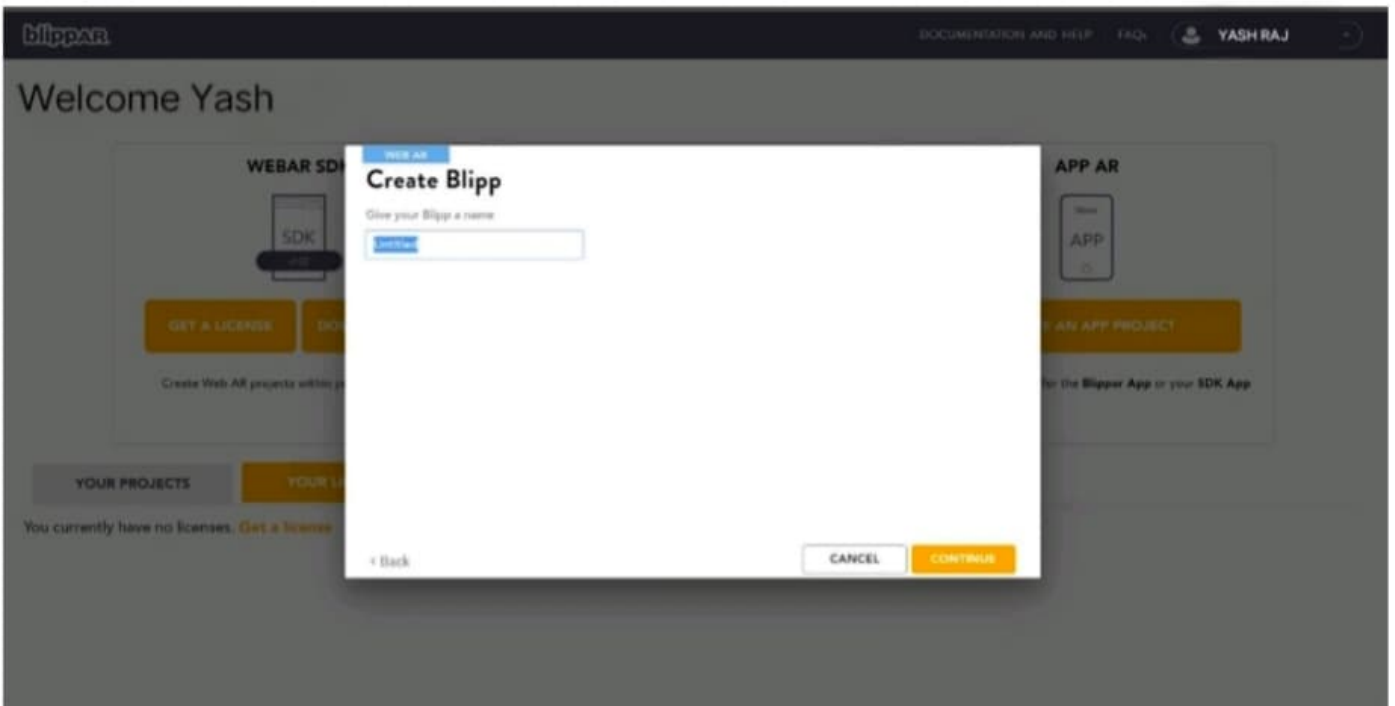
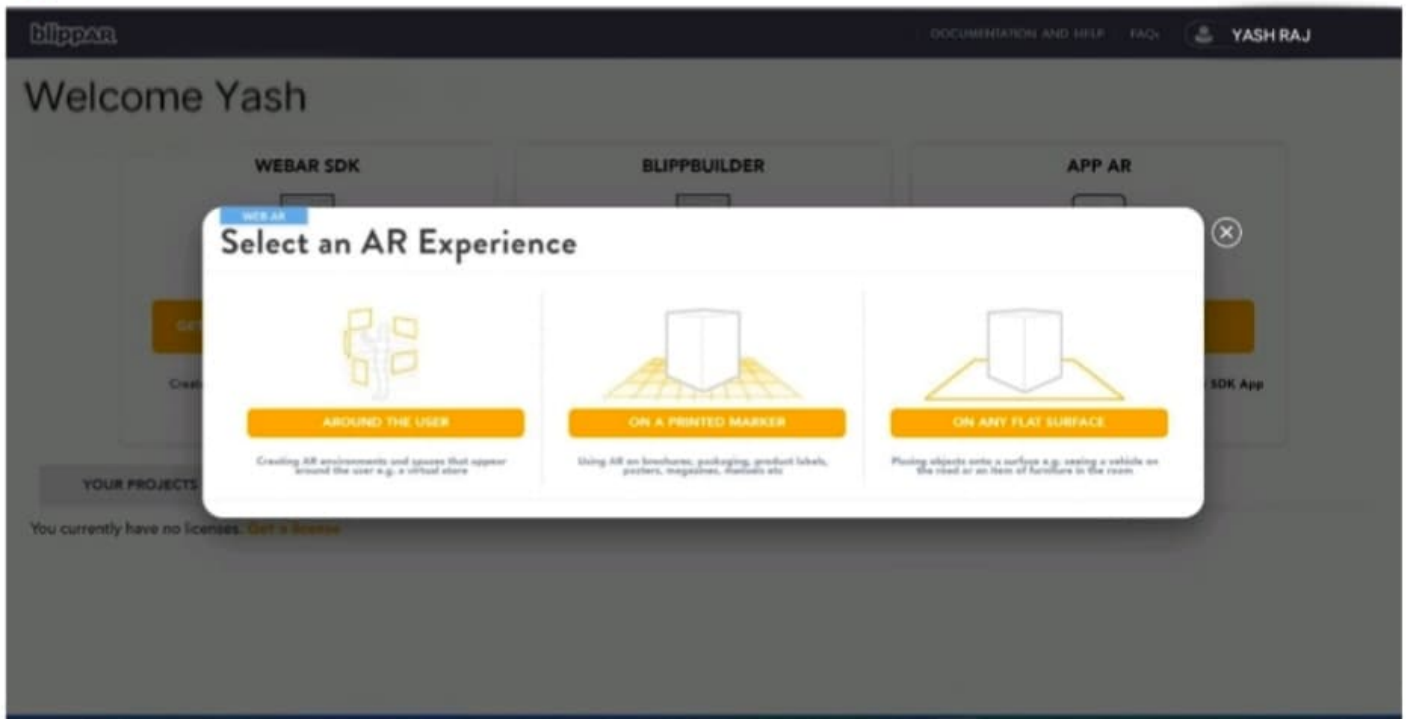
[CREATE AN APP PROJECT](#)

Create an AR project for the **Blippar App** or your **SDK App**

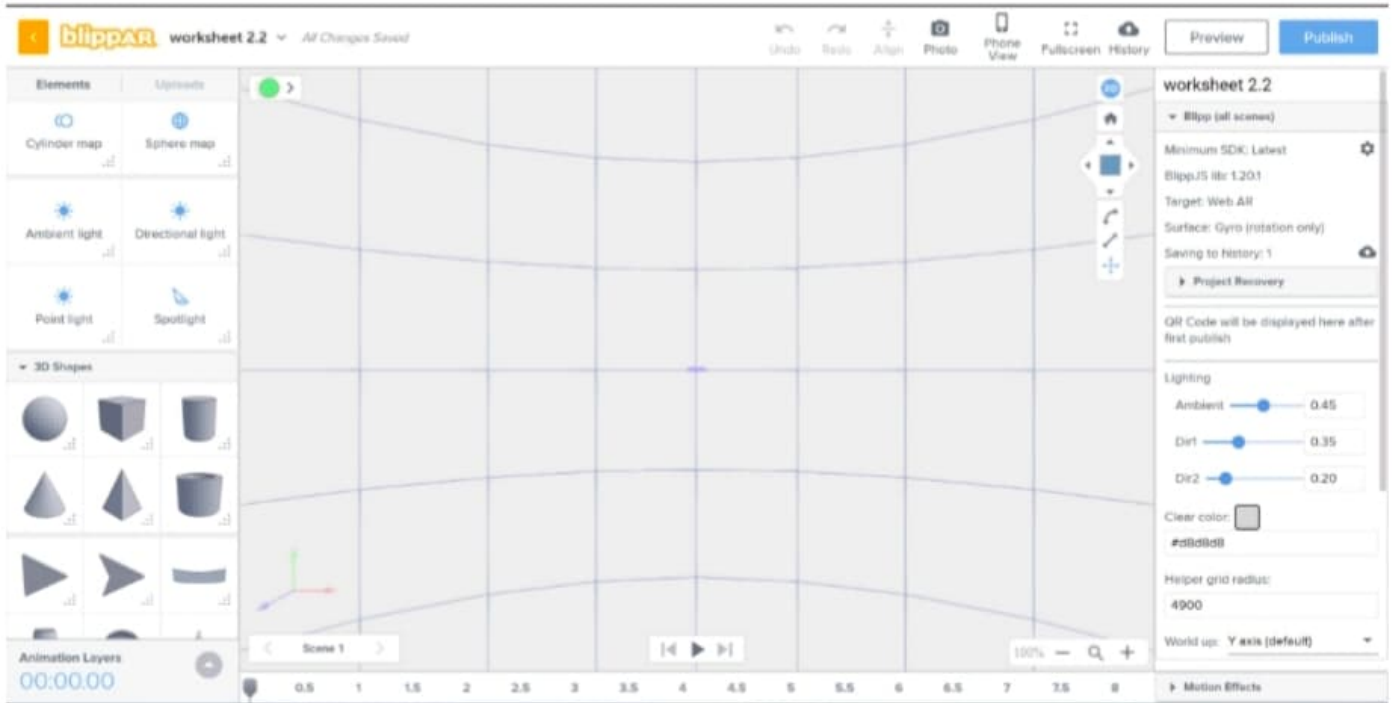
[YOUR PROJECTS](#) [YOUR LICENSES](#)

You currently have no licenses. [Get a license](#)

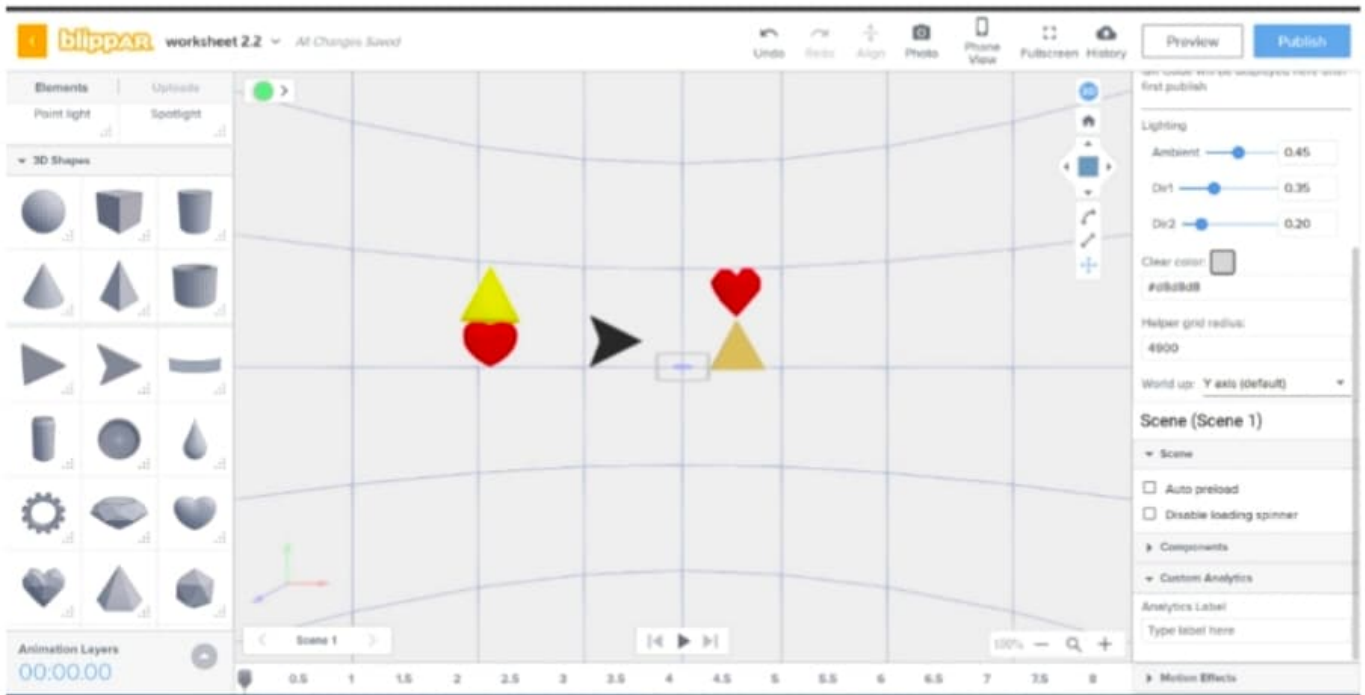
5:

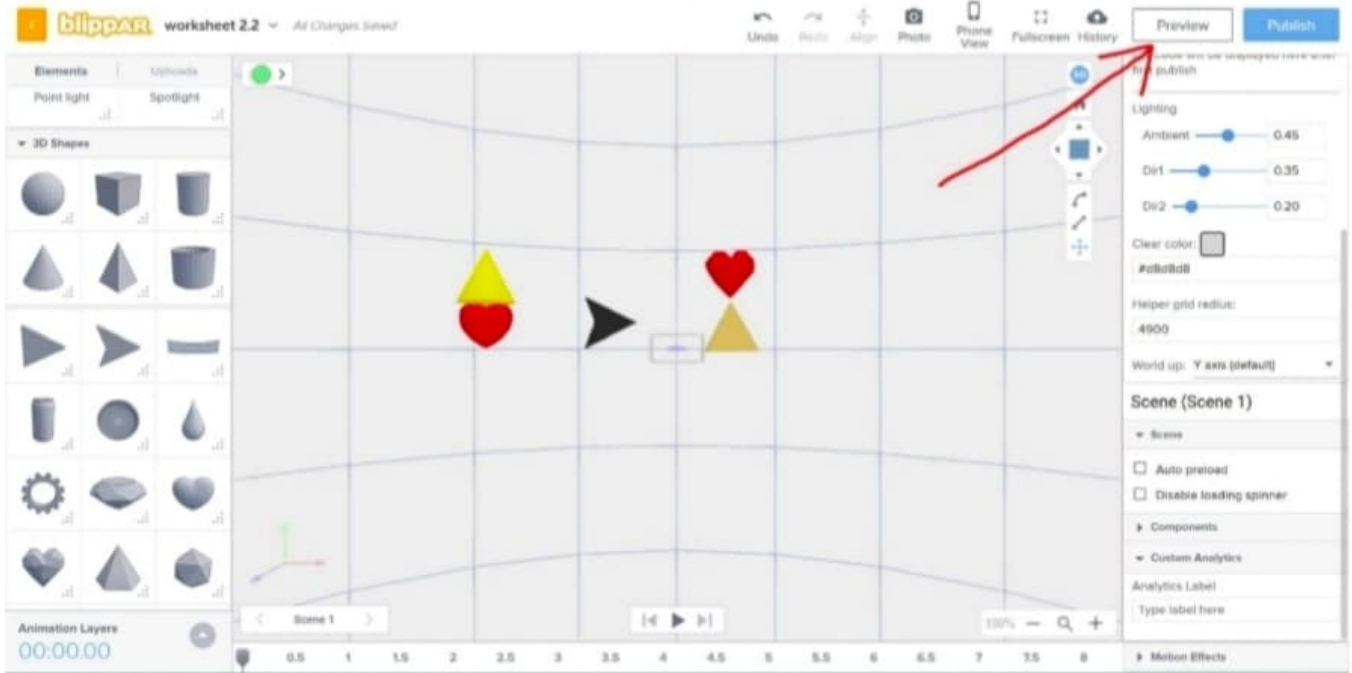


6: 7:

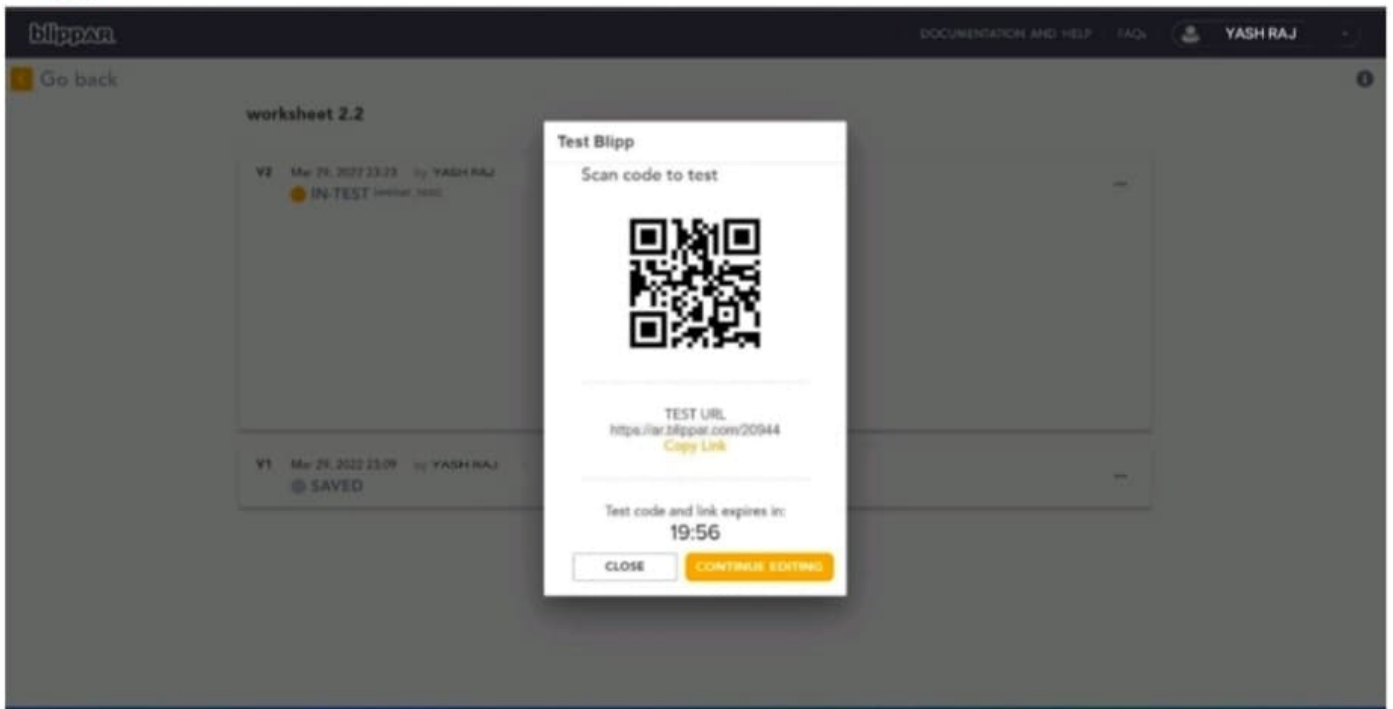


8: 9:



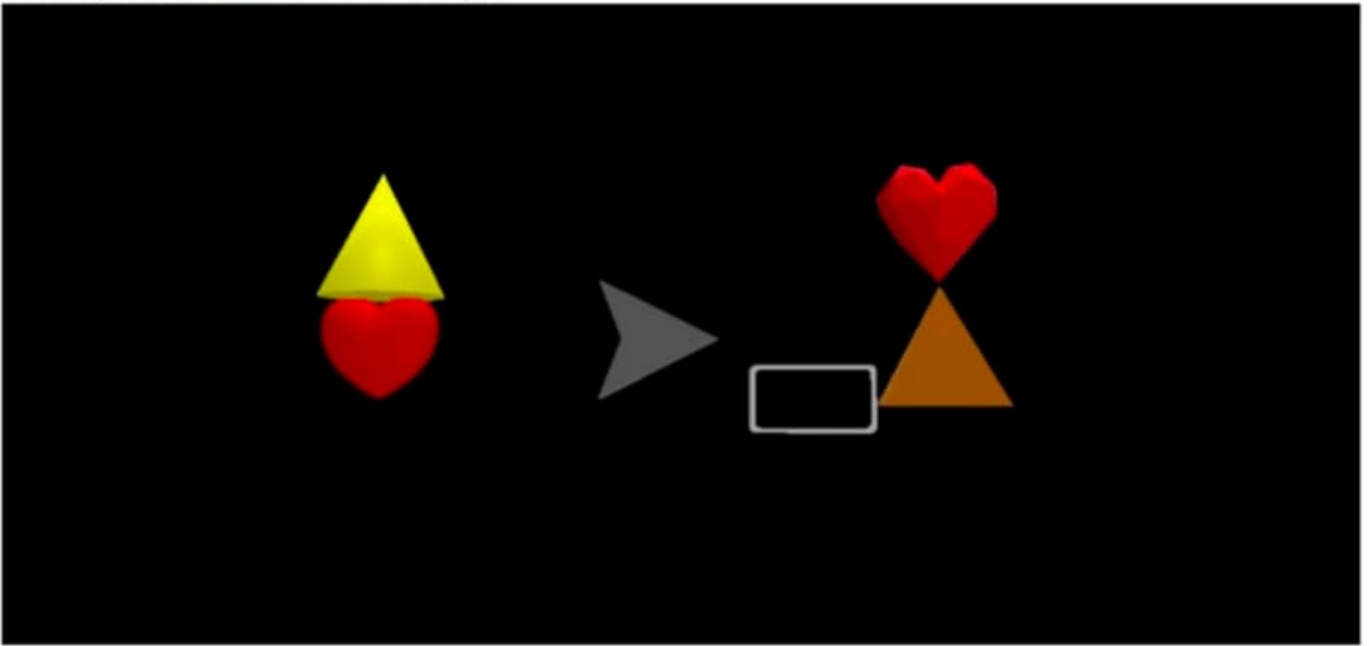


10:

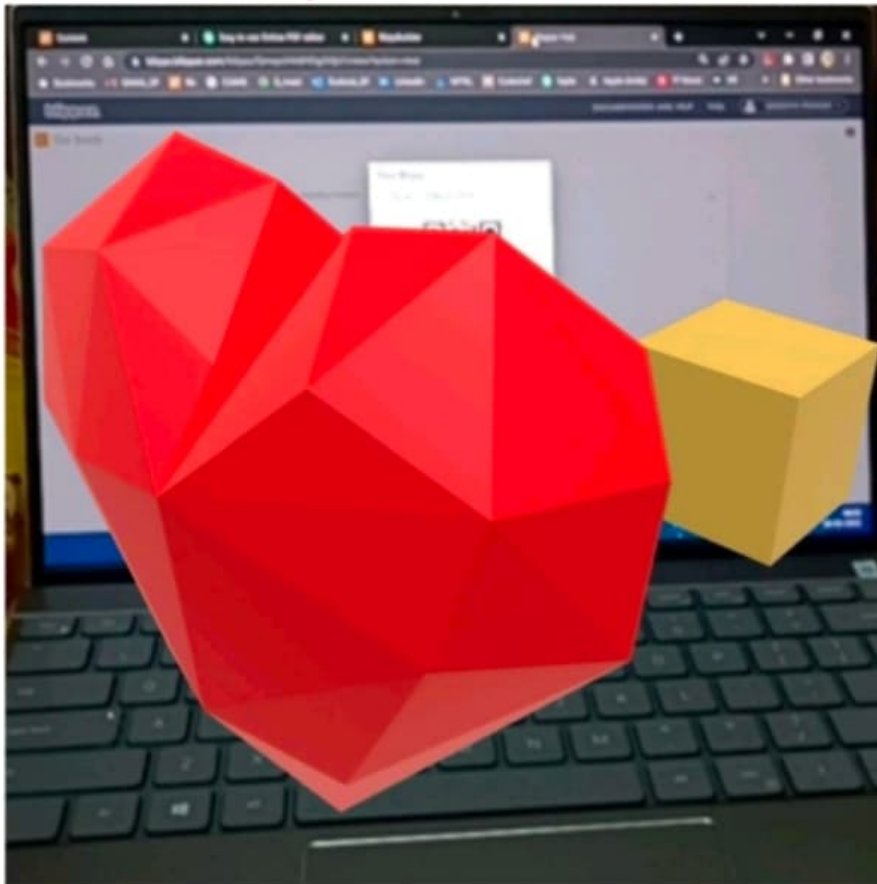


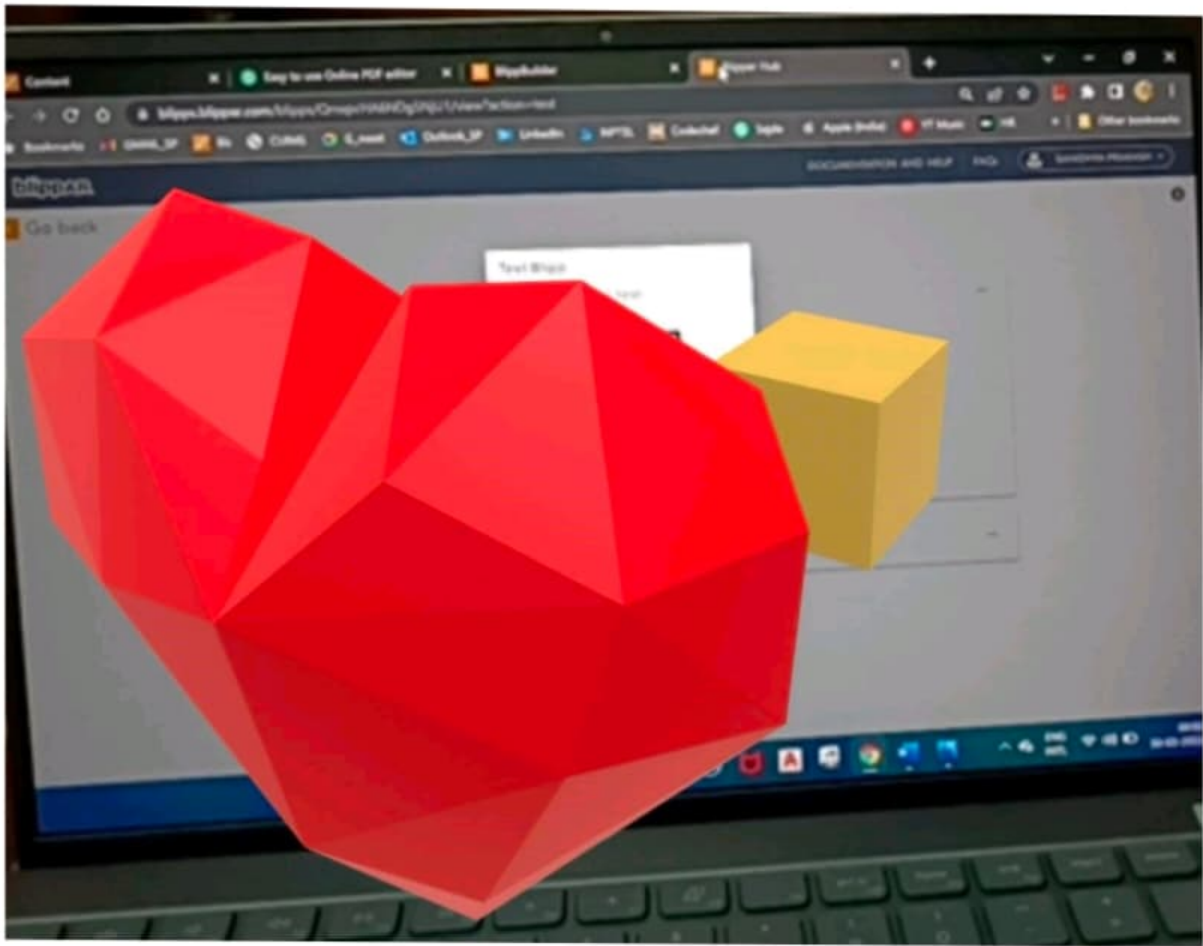
SNAP OF TEST RESULTS OF AR:

11 (AROUND THE USER):

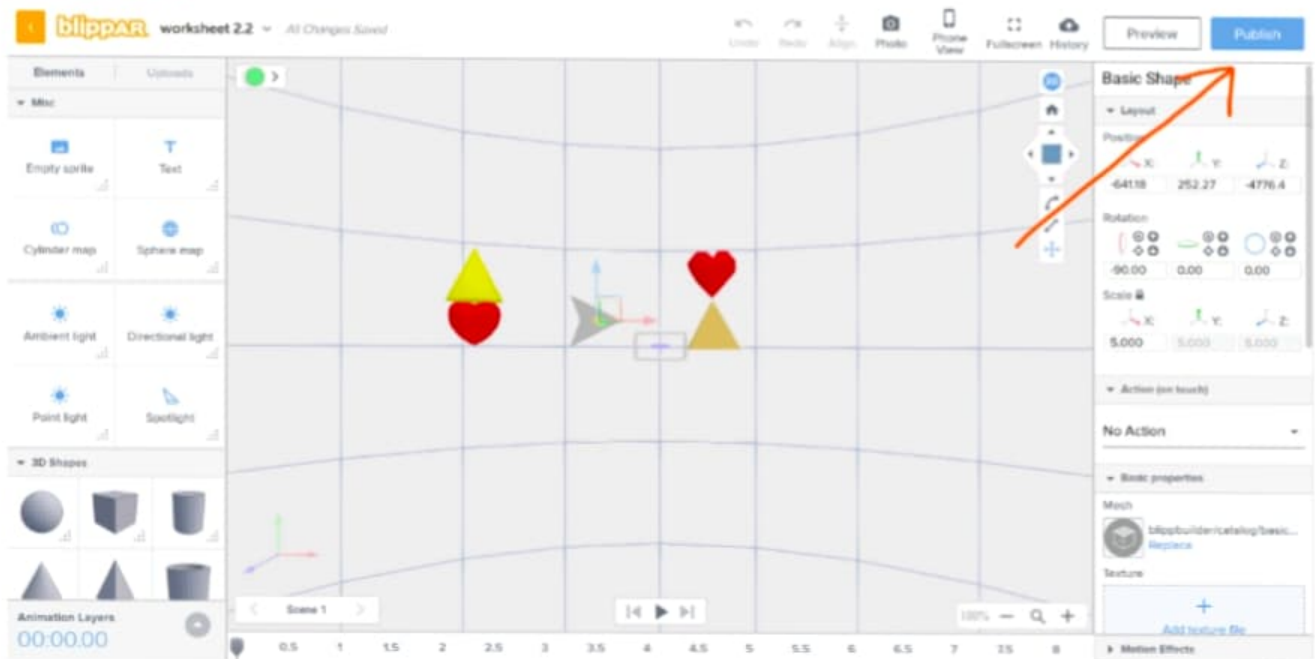


12 (ON ANY FLAT SURFACE):





FINAL STEP :



Evaluation Grid (To be filled by Faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Worksheet completion including writing learning objectives/Outcomes.(To be submitted at the end of the day)		10
2.	Post Lab Quiz Result.		5
3.	Student Engagement in Simulation/Demonstration/Performance and Controls/Pre-Lab Questions.		5
	Signature of Faculty (with Date):	Total Marks Obtained:	20