



RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

ACADEMIC YEAR 2025-2026 ODD SEMESTER



CD23331 - Design Processes & Perspectives

LAB MANUAL

SECOND YEAR

THIRD SEMESTER

2025- 2026

ODD SEMESTER

List of Experiments	
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector
2	Design to help people to sell their handmade products in metro cities
3	Design a social media website and chat
4	Design a publication that support different languages
5	Design a publication that tells comic stories
6	Design an advertisement for mobile company
7	Design an advertisement for any political party with images
8	Design an advertisement for electronic products
9	Design an advertisement for food products
10	Design an interactive website for new institution
11	Design a blog that publish educational post
12	Design an interactive website for hospital management system
13	Design an interactive website for food selling app
Requirements	
Hardware	Intel i3 or AMD processor with 64-bit support; 2 GHz or faster processor with SSE 4. or later- 8 GB RAM -Windows 10 64-bit (version 1909)or later - 1.5 GB of GPU memory -4 GB of available hard-disk space
Software	Adobe Illustrator, HTML and CSS
Operating System	Windows

LAB PLAN

CD23332-DESIGN PROCESSES AND PERSPECTIVES LAB

Exercise no.	Exercise Name	Required Hours
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector	3
2	Design to help people to sell their handmade products in metro cities	6
3	Design a social media website and chat	3
4	Design a publication that support different languages	3
5	Design a publication that tells comic stories	3
6	Design an advertisement for mobile company	3
7	Design an advertisement for any political party with images	9
8	Design an advertisement for electronic products	6
9	Design an advertisement for food products	6
10	Design an interactive website for new institution	6
11	Design a blog that publish educational post	6
12	Design an interactive website for hospital management system.	3
13	Design an interactive website for food selling app.	3

Course Outcomes (COs)

Course Name: Design Processes and Perspectives

Course Code: CD23331

Outcome 1	Understand the various graphic design thinking process and phases
Outcome 2	Analyze and choose between various visual components
Outcome 3	Designing and communicating visual components
Outcome 4	Apply design concepts for media publishing and advertising
Outcome 5	Create website using different design concepts

CO-PO –PSO Matrices of Course

PO/PSO CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CD23331.1	3	1	3	2	3	2	3	2	1	1	1	3	1	3	1
CD23331.2	3	-	3	-	3	-	-	-	-	-	1	1	1	3	1
CD23331.3	3	3	3	2	3	-	-	-	-	-	-	1	1	3	2
CD23331.4	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
CD23331.5	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
Average	2.2	2.0	3.0	2.0	3.0	1.6	1.4	1.0	1.0	1.0	1.2	1.8	1.0	3.0	2.0

Note: Enter correlation levels 1,2 or 3 as defined below:

1: Slight(Low) 2: Moderate(Medium) 3: Substantial(High) If there is no correlation, put “-“

Expt. No.:1

Date:

Design to teach mathematics to the children of 4-5 years age in school in Rural sector

Aim: To design a user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.

Tools: Adobe Illustrator.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

Output:

Result: The design for teaching mathematics to the children of 4-5 years age in school in the rural sector has been done successfully.

EASY MATHS



CLICK

ENTER

END



Expt. No.:2

Date:

Design to help people to sell their handmade products in metro cities

AIM: To Design an UI that can help people to sell their handmade products in metro cities

Tools: Adobe Illustrator.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

Output:

Result: The design for a people to sell their handmade products in metro cities has been done successfully.

craf^ting the minds

Arts & Handcrafts
Pottery



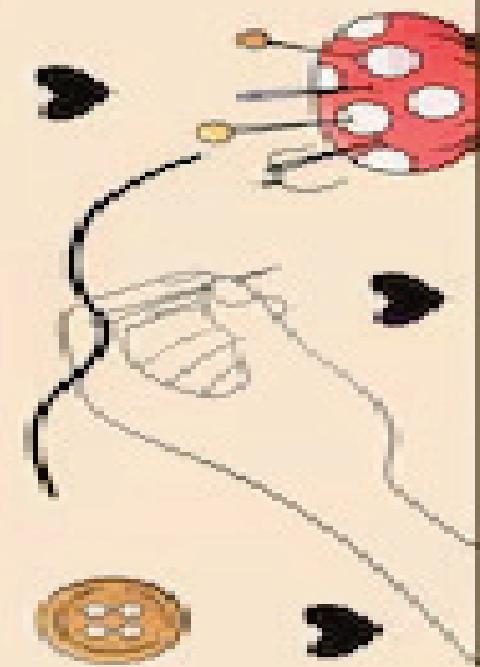
Explore the innovations with new ideas

Workshop on potteries

DEC 02 , 2025

It is a popular recreational activity for all ages, allowing for creative self-expression and relaxation, and typically involves choosing a piece, painting it with underglazes, and having it professionally glazed and fired.

Book now



Expt. No.:3

Date:

Design a social media website and chat

Aim: To design a user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.

Tools: Adobe Illustrator.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Buttons and attractive fonts have been used
5. Proper navigation should be done to move from one page to another
6. Login page has to be included

Output:

Result: The design to do for a social media website and chat has been done successfully.



Today

hello

hoe are doing?

heyy

good :)

Enter a Message

Groups



Personal



Expt. No.:4

Date:

Design a publication that support different languages

Aim: To design a publication that support different language

Tools: Adobe Illustrator.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.

Output:

Result: The design to do for a publication that support different languages has been done successfully.

MEDICAL NEWS : LITERACY RATE

RAPID GROWTH OF AI IN MEDICAL



Recent medical news from India includes a variety of topics, from advancements in robotic surgery to concerns about the impact of AI on healthcare. A study highlighted the potential link between prenatal acetaminophen use and neurodevelopmental disorders. Additionally, there's been discussion around the rising obesity rates in India and the need for healthy lifestyle initiatives.

Here's a more detailed look at some of the recent developments:

Here's a more detailed look at some of the recent developments:
Advancements and Innovations:

Robotic Surgery:
The use of robotic surgery in India is expanding, with AIIMS, for example, implementing robotic surgery for enhanced precision and control.

AI in Healthcare:
While AI offers potential benefits like more accurate diagnosis, there are also concerns about its impact on healthcare professionals, with one study finding that skills in detecting benign tumors decreased after using AI.

24/7 Cancer Care Helpline:
Apollo Hospitals launched India's first 24/7 toll-free cancer care helpline.

New Vaccine:
Pfizer launched a 20-valent pneumonia vaccine for adults in India, according to Healthcare Radius.

POLITICS : LEGACY



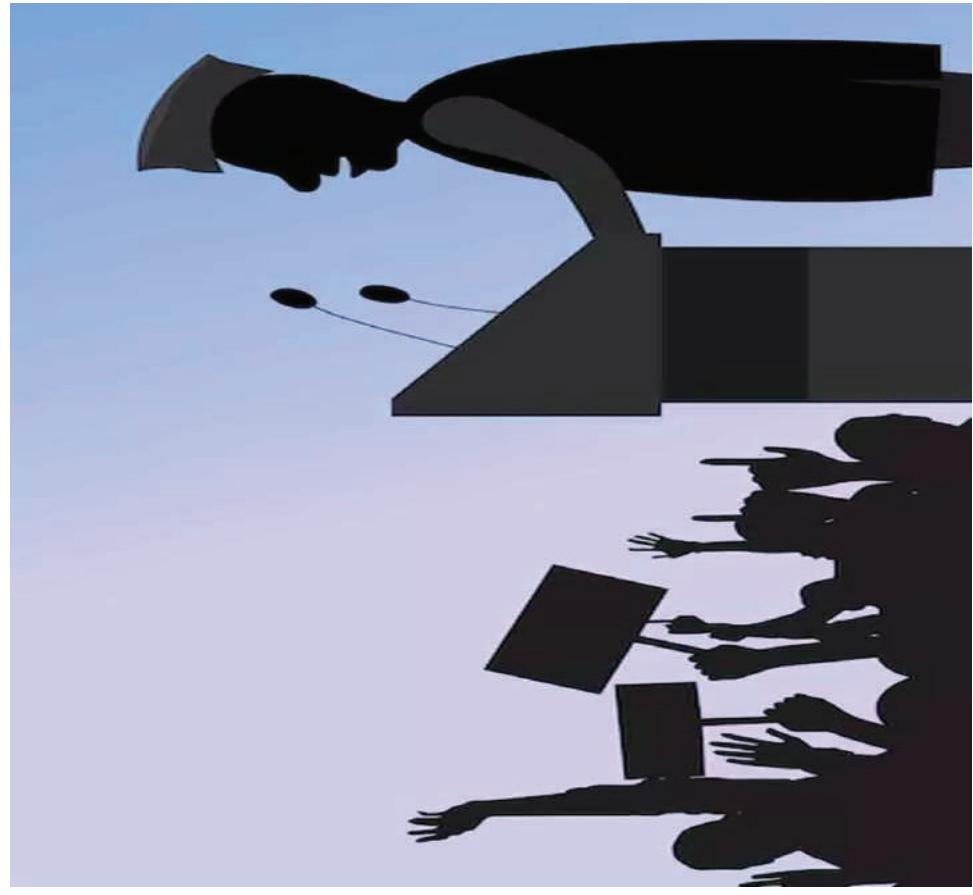
Decision-Making in Groups:
Politics is fundamentally about how groups of people, from small clubs to large nations, make decisions together. This involves various processes like discussions, negotiations, and voting.

Power and Influence:
Politics is inherently about power dynamics – how power is distributed, exercised, and contested. This can involve individuals, groups, or institutions vying for influence and control.

Resource Allocation:
A key aspect of politics is determining how scarce resources like wealth, land, and opportunities are distributed among different members of society.

Politics establishes the rules and laws that govern how people interact with each other and with the state. These rules can range from traffic laws to social welfare policies.

TAMILNADU LATEST NEWS: EVENTS AND POLITICAL DEVELOPMENTS



Politics is often compared to ethics (ideas about right and wrong). Ethics is a more abstract study of right and wrong. Ethics is usually more concerned with principle than law or politics or diplomacy, so many people think ethics is not practical. But without some agreement on ethics, there is probably no way to even have a debate, laws or an election. There is always some agreement on ethics and personal conduct in a political system.

Expt. No.:5

Date:

Design a publication that tells comic stories

Aim: To design a Publication That Tells Comic Stories

Tools: Adobe Illustrator.

Steps:

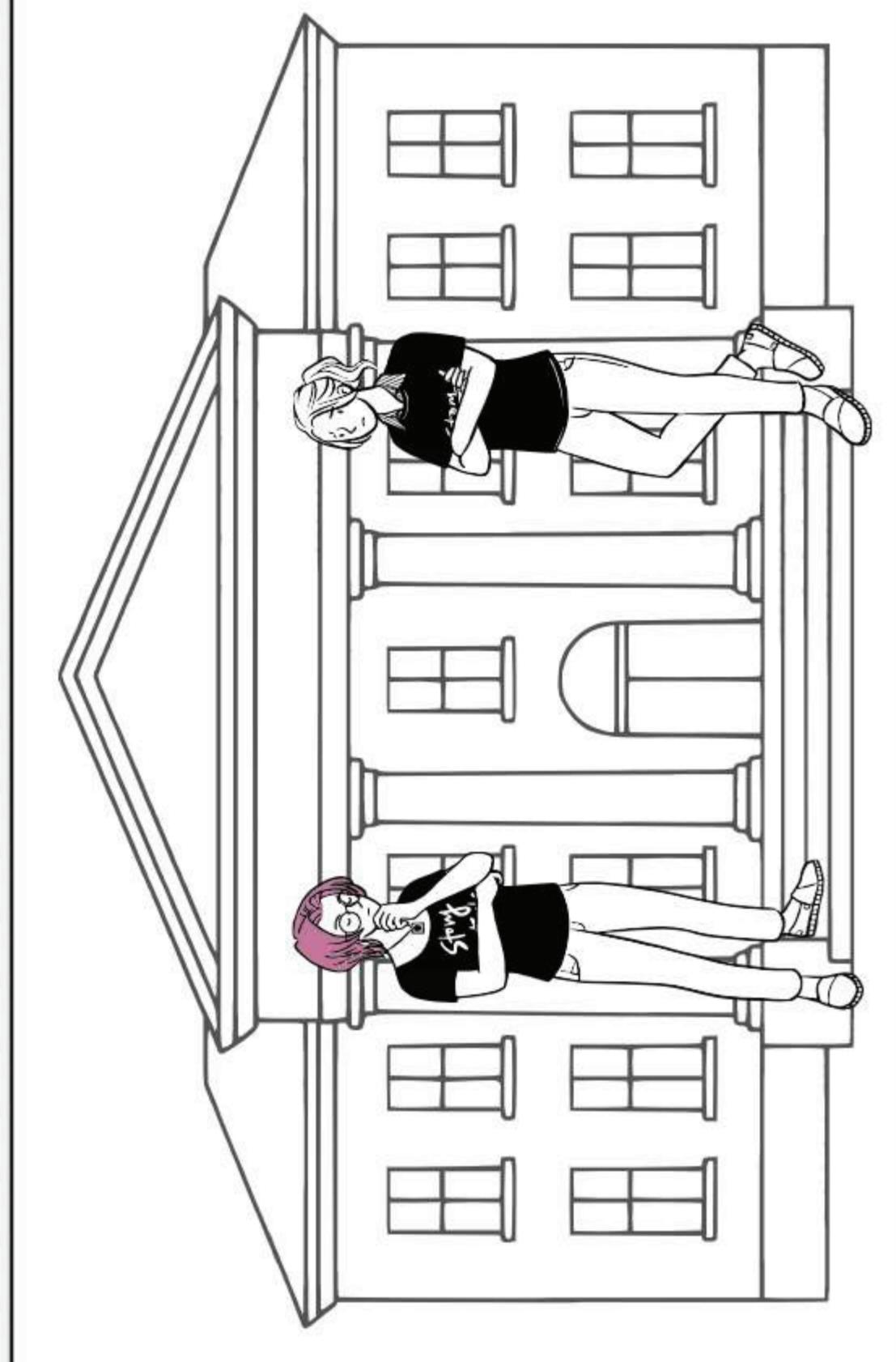
1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used.
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.

Output:

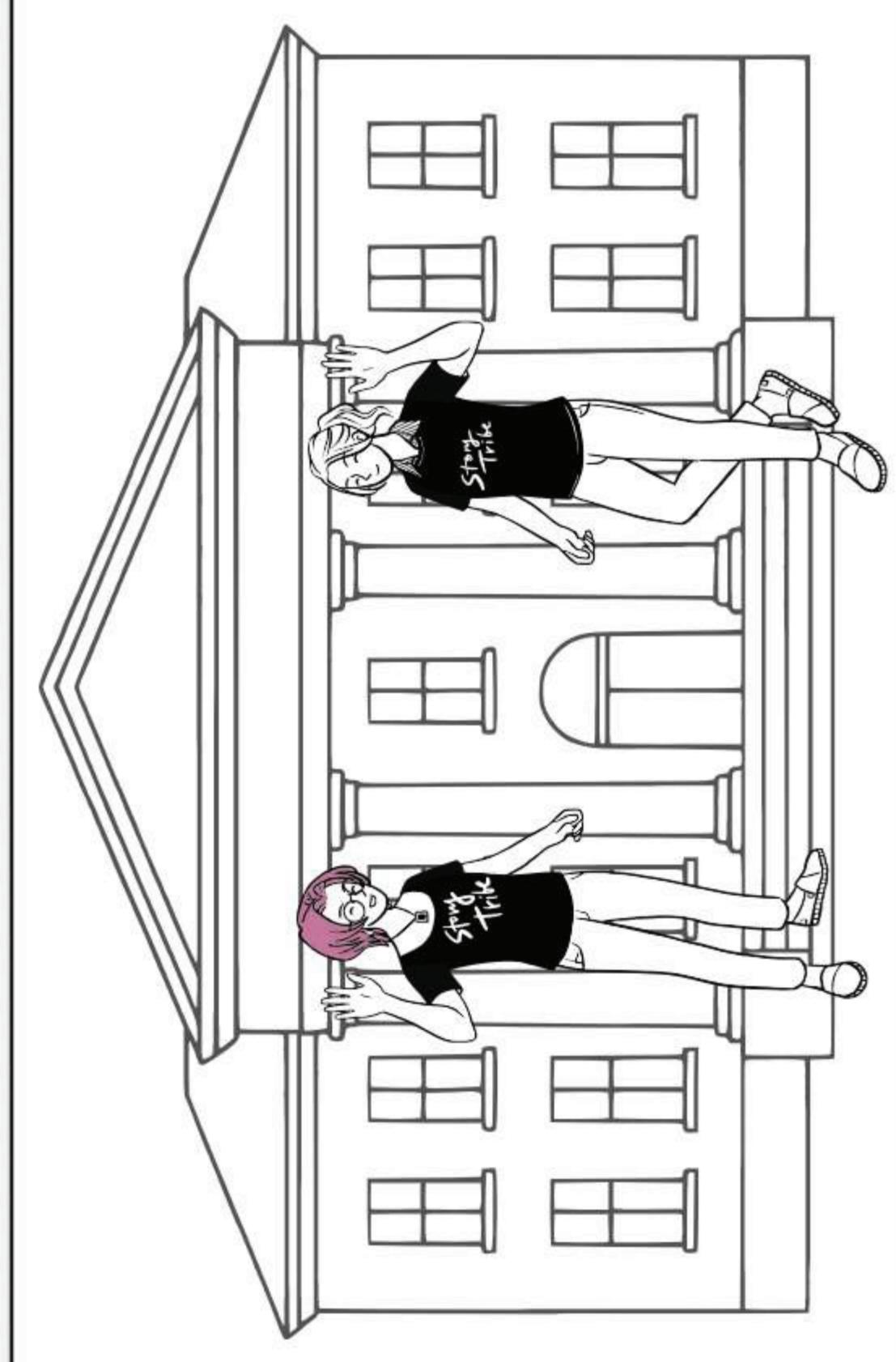
Result: The design for a publication that tells the comic stories has been done using the story successfully.



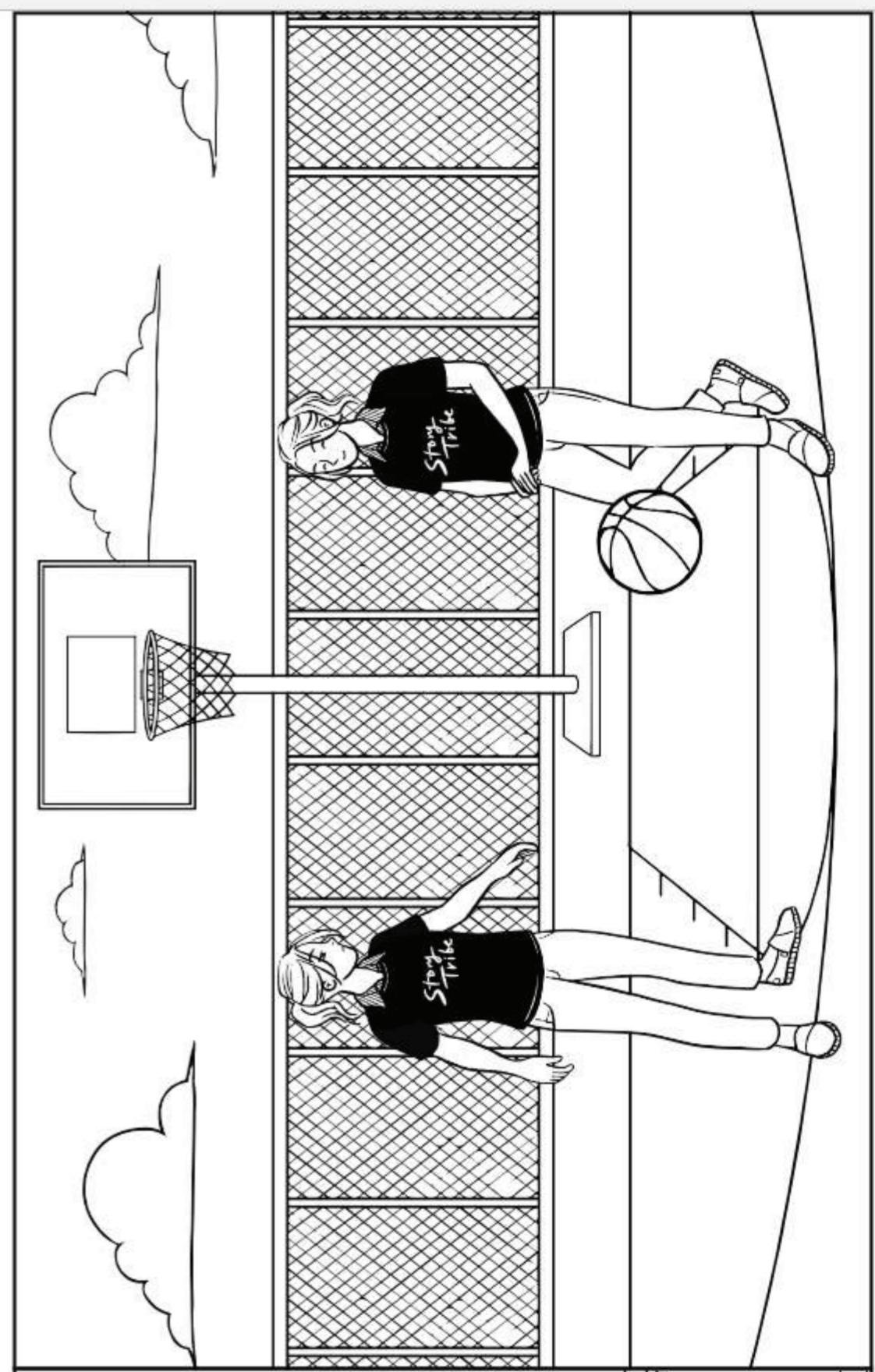
Srisha guides Mahathi by explaining the process with her laptop.



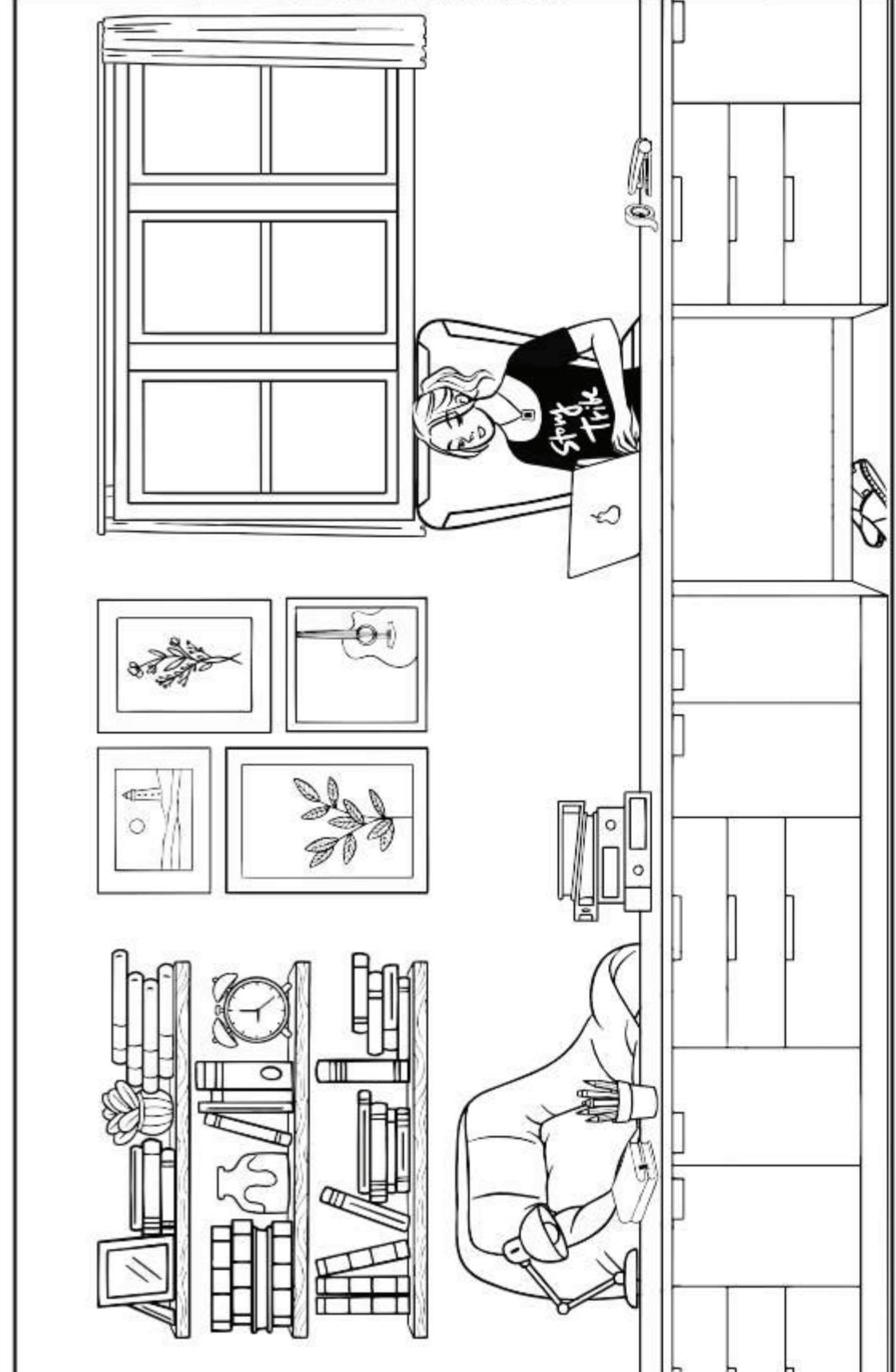
Worried mahathi asks Srisha "how to register to take part in sports?"



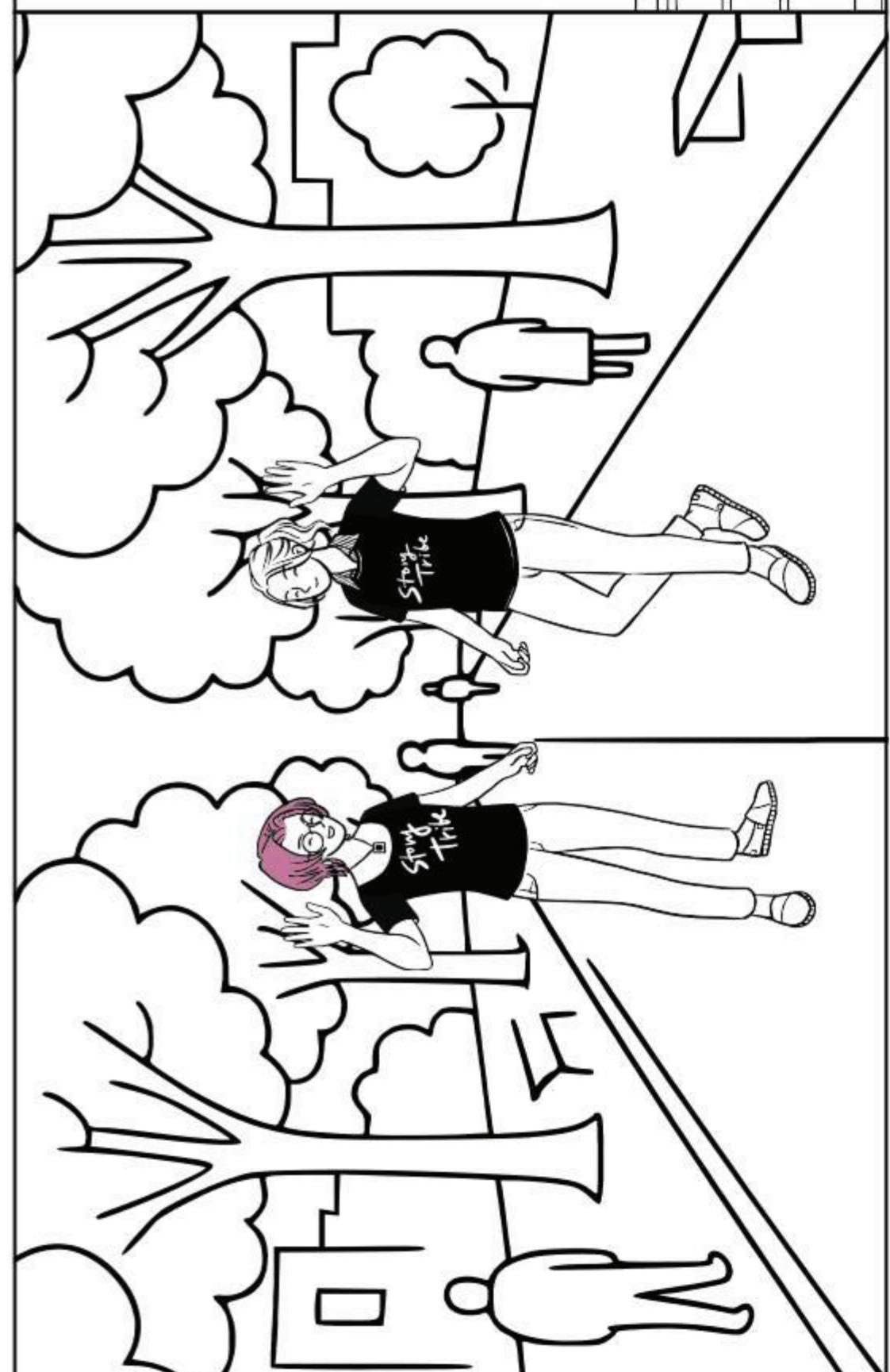
First meet between senior Srisha (pink hair) and junior Mahathi.



Mahathi joins the basketball team happily and continues playing her favourite sport.



Mahathi registers with confidence and succeeds.



Mahathi bids farewell to Srisha and proceeds with confidence to register.

Expt. No.:6

Date:

Design an advertisement for mobile company

Aim: To design an advertisement for mobile company

Tools: Adobe Illustrator

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:

Result: The design for an advertisement for the mobile company has been done successfully.

IPHONE 16 PRO MAX

A 16 PRO WITH APPLE INTELLIGENCE

STORAGE

256 GB

512GB

1TB

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\$ 1199



253-000-9978

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PRE ORDER

Expt. No.:7

Date:

Design an advertisement for any political party with images

Aim: To design an advertisement for any political party with images

Tools: Adobe Illustrator.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:

Result: The design for an advertisement for any political party with images has been done successfully .

VOTE FOR
VOTE FOR
VOTE FOR

KAMALA HARRIS

- **A voice for all who seek progress.**
- **Committed to real and lasting change.**
- **Leadership that earns your trust.**
- **Focused on building a brighter future..**

Expt. No.:8

Date:

Design an advertisement for electronic products

Aim: To design an advertisement for electronic products

Tools: Adobe Illustrator.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:

Result: The design for an advertisement for the electronic products has been done successfully.

AIRPODS INNZTORE
feel the taste of music

NEW WAY TO

LISTEN MUSIC
LISTEN MUSIC
LISTEN MUSIC
LISTEN MUSIC



AIRPODS
@2199

Limited
Edition

2 years warranty | shop at www.airpods.com

Expt. No.:9

Date:

Design an advertisement for food products

Aim: To design an advertisement for food products

Tools: Adobe Illustrator.

Steps:

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

Output:

Result: The design for an advertisement for food products has been designed successfully.

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1+1
offer

50%
offer

Tasty

Tacos are a traditional Mexican dish of a small corn or wheat tortilla folded around a filling and eaten by hand

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ORDER NOW

Expt. No.:10

Date:

Design an interactive website for new institution

Aim: To design interactive website for new institution

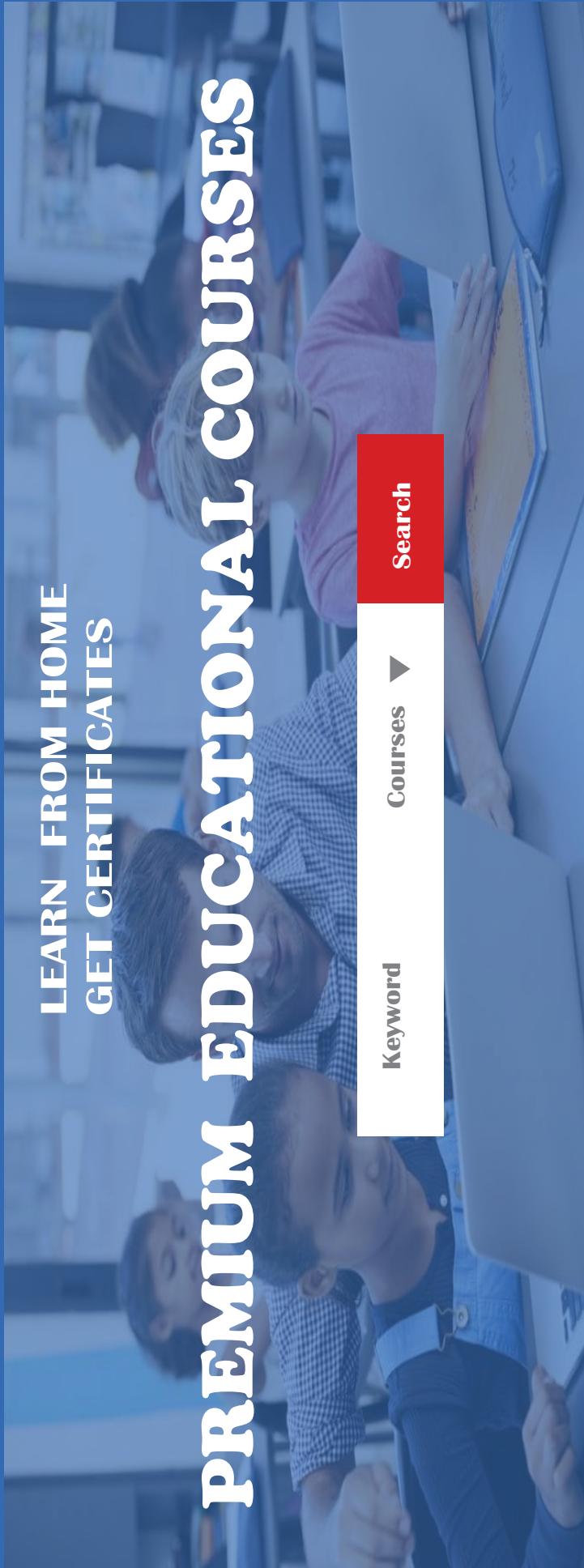
Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

Result: The design to create an interactive website for a new institution has been done successfully.



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Artificial Intelligence



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Expt. No.:11

Date:

Design A Blog That Publish Educational Post

Aim: To design a blog that publishes educational post

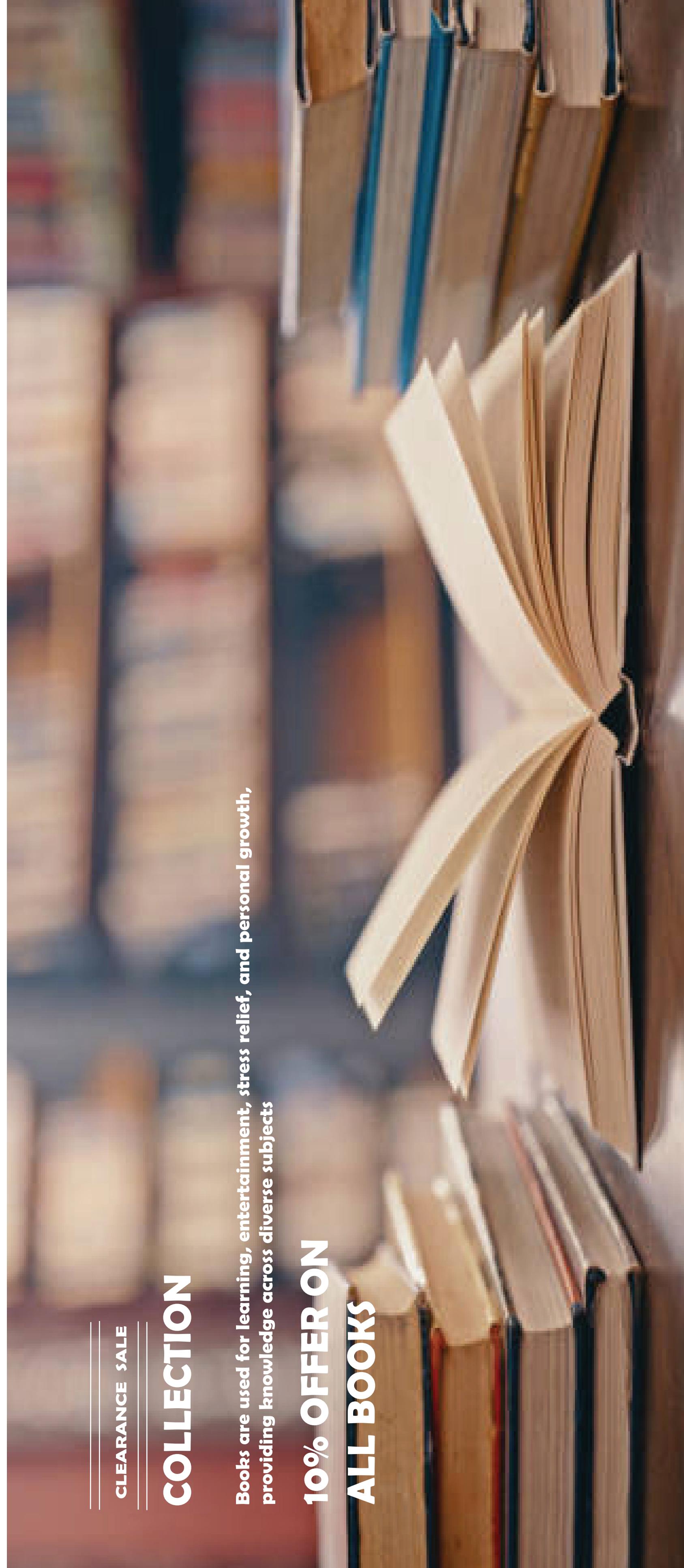
Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

Result: The design for a blog that publishes the educational post has been done successfully.



HOME
≡

NON-FICTION

INDIAN WRITING

ACADEMIC

LITERATURE

BUSINESS

HISTORY & POLITICS

BLOG

PAGES

SHOP

BEST SELLERS

F. SCOTT FITZGERALD
THE GREAT GATSBY
SALE 260 DAYS
22 HRS

ROLLER GIRL

GUY KAWASAKI
Now you're thinking!

DOMINION
From the bestselling author of *Wealth in Media*

Expt. No.:12

Date:

Design An Interactive Website For Hospital Management System

Aim: To design interactive website for hospital management system

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

Result: The design for an interactive website for the hospital management system has been done successfully.



MEDORA

Search or enter website name

Book an appointment

OUR LOCATION CHENNAITAMILNADU
FREE CALL 098-7777-666

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BLOG

INFRASTRUCTURE

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Select department v Book an appointment

WELCOME TO MEDORA

- Emergency help
24/7 timeline helps for the patient

- Qualified doctors
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APPOINTMENT FORM

- NAME DETAILS
- DATE OF VISITING
- DOCTOR'S NAME
- VISIT TIMINGS

Expt. No.:13

Date:

Design An Interactive Website For Food Selling App

Aim: To design an interactive website for food selling app

Tools: HTML, CSS

Steps:

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

Output:

Result The design for an interactive website for food selling app has been done successfully.



ABOUT US

We are a team of culinary experts who understand that food is not just about nourishment, it's an art that captivates the senses and evolves emotions.

With unwavering dedication, we have crafted an extraordinary culinary experience that combines unique flavours, textures, and aromas in every dish we serve.

SAVORY SENTATION

GET IN TOUCH

ADDRESS

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