

**A
Practical Assignment
On
New Age Life Skills
Bachelor of Technology in Computer Science
1st SEM**



RUNGTA INTERNATIONAL SKILLS UNIVERSITY

SESSION: 2025-26

**Prof. Aditya Kumar
(Assistant Professor)**

**Submitted By:-
IRFAN ANSARI
Ref No-2025-00805
ERP id RU-25-10600**

Submitted To:

**RUNGTA INTERNATIONAL SKILLS
UNIVERSITY,CG
SCHOOL OF COMPUTER SCIENCE & ENGINEERING**

INDEX

S.NO	NAME OF PRACTICAL	SUBMISSION DATE	REMARK
1.	Design a Professional Resume using Templates.	22-09-2025	
2.	Create a Career Oriented Presentaon with 7 slides using Transions and Animaons.	29-09-2025	
3.	Create a social media poster for “DIGITAL AWARENESS WEEK” using	01-10-2025	
4.	Canva. Compose & send a professional email with an aachment as “you are applying for an internship, send email to HR with your resume aached”.	06-10-2025	
5.	<p>Design a complete Google Form survey and analyze responses.</p> <p>a)Create a Google Form tled “Student Aendance Report”.</p> <p>b)Include the following queson types:</p> <ul style="list-style-type: none"> a. 5 MCQs b. 1 Rang scale (1–5) c. 1 Short answer d. 1 Checkbox queson <p>c)Customize the theme (header image + color).</p> <p>d)Share the form link with 5 friends and collect responses.</p>	11-10-2025	

	e)Generate charts from responses and take screenshots of the analysis page.		
6.	<p>Demonstrate the creaon and management of your digital identity.</p> <p>a)Create a social media profile (LinkedIn preferred).</p> <p>b)Add a profile photo, short bio, skills, and educaon details.</p> <p>c)Create a simple post about “My Learning Journey in Digital Literacy.”d)Change your privacy sengs to:</p> <ol style="list-style-type: none"> Who can see your posts. Who can message you 	31-10-2025	
7.	<p>Using Google Drive or OneDrive:</p> <p>a)Create a new folder named “Unit 3 Praccal Work”.</p> <p>b)Upload 3 different files (PDF, image, document).</p> <p>c)Organize them in subfolders: Notes, Images, Assignments.</p> <p>d)Share the main folder with your teacher with View Only permission.</p>	13-11-2025	
8.	<p>Idenfy one real phishing email : A final-year student, Aman, receives a LinkedIn message saying:</p> <p>“You are shortlisted for a Remote Soware Developer role at Google. Salary: ₹18 LPA. Pay ₹2,499 as verifcaon fee. Limited seats. Pay now to confirm.”</p>	19-11-2025	

	<p><u>ANSWER THE QUESTIONS :-</u></p> <p>a)What type of cybercrime is happening here?</p> <p>b)List 3 red flags that show it is a scam?</p> <p>c)What should he do to verify if a job offer is real?</p>		
9.	<p>Create a Google Form Quiz with the following requirements:</p> <p>a)Convert the form into a Quiz mode with automac grading.</p> <p>b)Add 5 MCQ quesons, each carrying 2 marks.</p> <p>c)Add 1 short answer queson that requires manual evaluaon.</p> <p style="padding-left: 40px;">a. Turn ON the seng:</p> <p style="padding-left: 40px;">b. Limit to 1 response</p> <p style="padding-left: 40px;">c. Shuffle queson order</p> <p style="padding-left: 40px;">d. Release marks aer manual review</p> <p>e)Add a mer add-on (like form presenter) and set up a 10-minute me limit.</p> <p>f)Finally, send the quiz link and view the response summary.</p>	24-11-2025	

10.	<p>Ask ChatGPT OR Google Gemini to generate a 100–120 word paragraph on:</p> <p>“Is online learning better than offline learning for college students?”</p> <p>a) Run the AI-generated text through Grammarly and any plagiarism-check tool.</p>	29-11-2025	
-----	--	------------	--

	<p>b) Now manually search online to check if similar sentences exist on blogs or articles.</p> <p>c) Identify 2–3 biased statements in the AI answer, such as:</p> <ul style="list-style-type: none"> i. Over-generalizations ii. One-sided opinions iii. Unproven claims <p>d) Rewrite the entire paragraph in a neutral and balanced way, using AI only for grammar suggestions.</p> <p>e) Submit 3 screenshots:</p> <ul style="list-style-type: none"> i. Plagiarism check result ii. Grammarly suggestion page iii. Original AI paragraph vs your rewritten unbiased version 		
--	--	--	--

11.	<p>To compare AI-generated content with student-created content and understand limitations of AI.</p> <p>a) Write a 100–150 word paragraph on the topic: “Will AI replace jobs or change them?” (This must be written by the student.)</p> <p>b) Ask any AI tool (ChatGPT/Gemini/Copilot) to write the same topic.</p> <p>c) In your practical copy, create a Comparison Table with the headings: i. Human-Generated Content ii. AI-Generated Content</p>	03-12-2025	
12.	Create a new NotebookLM project titled: “My Chapter Revision Notes.”	10-12-2025	

	<p>a)Upload mulple sources (any 2) such as:</p> <ul style="list-style-type: none"> i. PDF notes ii. Web arcles iii. Text copied into NotebookLM <p>b)Ask NotebookLM to:</p> <ul style="list-style-type: none"> i. Create a combined study guide using all sources. ii. Generate flashcards for quick revision. iii. Create a concept map or explanaon of the topic. <p>c)Manually check for:</p> <ul style="list-style-type: none"> i. Any incorrect facts ii. Repeated informaon iii. Missing important points <p>d)Aach 3 screenshots from NotebookLM:</p> <ul style="list-style-type: none"> i. Combined study guide ii. Flashcards iii. Concept map / explanaon 		
13.	<p>Create a complete Student Result Management workbook.</p> <p>a)Create a new workbook with 3 sheets renamed as:</p> <ul style="list-style-type: none"> a. Student_Data b. Marks_Analysis c. Charts <p>b)In Student_Data, enter a list of 15 students with:</p> <p>Name, Roll No, Class, City, Subject1, Subject2, Subject3.</p> <p>c)Use Flash Fill to split “Full Name” into “First Name” and “Last Name”.</p>	19-12-2025	

	<p>d)Use Find & Replace to replace city name “Delhii” with correct “Delhi”.</p>		
--	---	--	--

	<p>e)Use IF funcon to calculate Pass/Fail (Pass = total \geq120).</p> <p>f)Use COUNTIF to find how many students belong to “Delhi”.</p> <p>g)Use AVERAGE, MAX, MIN to analyze marks in the Marks_Analysis sheet.</p> <p>h)On the Charts sheet, create:</p> <ol style="list-style-type: none"> i. A Bar Chart showing marks of any one subject. ii. A Pie Chart showing percentage of pass vs fail. <p>i)Apply Condional Formang to highlight marks < 40 in red.</p> <p>j)Convert the table into a formaed Excel Table.</p>		
--	--	--	--

14.	<p>Build a workbook for managing and analyzing sales data of a small store.</p> <p>a) Create a workbook with sheets:</p> <ul style="list-style-type: none"> i. Store_Sales ii. Summary iii. Charts <p>b) Import a CSV sales file (or create a sample table) containing: Date, Product, Category, Qty, Price, Total Sales.</p> <p>c) Use Sort (A→Z, Z→A) to organize products by name and category.</p> <p>d) Apply Filter to view only “Electronics” category.</p> <p>e) Use SUMIF to find total sales for a selected product (e.g., “Headphones”).</p> <p>f) Use LEFT, RIGHT, MID to extract:</p> <ul style="list-style-type: none"> i. First 3 letters of the product name ii. Last 2 letters of the category 	24-12-2025	
	<p>g) Find the highest and lowest sales value using MAX/MIN.</p> <p>h) Prepare a monthly sales summary in the Summary sheet using AVERAGE & SUM.</p> <p>i) Create a Line Chart of month-wise total sales in the Charts sheet.</p> <p>h) Apply sheet protection so data cannot be edited accidentally.</p>		

15.	<p>Create a complete personal financial planner workbook.</p> <p>a) Create and rename sheets as:</p> <p>i. Expenses ii. Budget iii. Charts</p> <p>b) Enter at least 20 rows of expense data:</p> <p>Date, Category, Expense Detail, Amount, Payment Method.</p> <p>c) Use Data Validation dropdown to create a category list (Food, Travel, Fees, Shopping, Other).</p> <p>d) Use Remove Duplicates on the Category column if repeated incorrectly.</p> <p>e) Use SUMIF to calculate total spending for each category.</p> <p>f) In the Budget sheet, create the monthly budget and compare with actual expenses using:</p> <p>Difference = Budget – Actual (formula required)</p> <p>g) Highlight expenses above ₹2000 using Conditional Formatting.</p> <p>h) Create:</p> <p>i. A Pie Chart showing category-wise spending</p>	29-12-2025	
	<p>ii. A Bar Chart comparing Budget vs Actual</p> <p>iii. Use Flash Fill to separate date into Day / Month / Year if needed. Also explain its detail</p> <p>iv. Save worksheet in Page Layout view and adjust print area.</p>		

PRACTICAL-1

Aim : To design a professional resume using online templates.

IRFAN ANSARI

RUNGTA INTERNATIONAL SKILLS UNIVERSITY

CONTACT INFO

 9770650350

 irfanansari224k@gmail.com

 bhilai durg , chhatisgarh

PROFILE

I am Irfan Ansari, a passionate and hardworking B.Tech Computer Science (AI) student at Rungta International Skills University, Bhilai, in association with Google. I have a strong interest in web development, design, and programming. Along with my studies, I also work as a freelance graphic designer on Fiverr, creating logos, posters, and flyers. I aim to build a strong technical foundation and develop skills that can help me secure a good placement by the end of my degree

PERSONAL DETAILS

DATE OF BIRTH : 09/01/2007
GENDER: MALE
CATEGORY: OBC
LANGUAGE : HINDI OR ENGLISH

PROJECTS & FREELANCE WORK

1. Created professional logos and posters for clients on Fiverr (Username: Irfan Ansari)
2. Designed minimal and creative graphics for social media and local businesses

EDUCATION

B.Tech (CSE - AI) Rungta International Skills University, Bhilai Rungta Group (in association with Google) Pursuing –
12th (PCM) Govt. School of Excellence, Chhindwara MP Board 2023 85.6%
10th Balaji Public School, Chhindwara MP Board 2021 89.4%

CAREER OBJECTIVE/DECLARATION

To build a strong foundation in computer science and develop professional skills that help me secure a good placement and contribute to innovative projects in the tech industry.

I hereby declare that all the information provided above is true to the best of my knowledge and belief.

TECHNICAL SKILL

- HTML, CSS, JavaScript (Basic)
- Graphic Design (Logo, Poster, Flyer, 3D Design)
- Typing and Basic Computer Skills

**STUDENT OF
RUNGTA INTERNATIONAL SKILLS
UNIVERSITY**

PRACTICAL-2

Aim : To create a career presentation using slides, transitions, and animations

CAREER IN COMPUTER SCIENCE & ENGINEERING

PRESENTED BY IRFAN ANSARI

RU-25-10600

ABOUT COMPUTER SCIENCE

- Computer Science Engineering (CSE) is an engineering discipline that combines the principles of computer science and electrical engineering to design, develop, and maintain computer systems and software. It covers theoretical foundations like computation and algorithms, as well as practical applications like software development, artificial intelligence, and cybersecurity. CSE graduates have a broad career scope in diverse fields ranging from software and AI to robotics, data analysis, and beyond, as technology becomes integral to every modern industry.



WHO'S COMPUTER SCIENCE SPACIALIST

- A computer science specialist is an individual who applies
 - their expert knowledge in computer science to design, develop, and analyze software and hardware solutions.

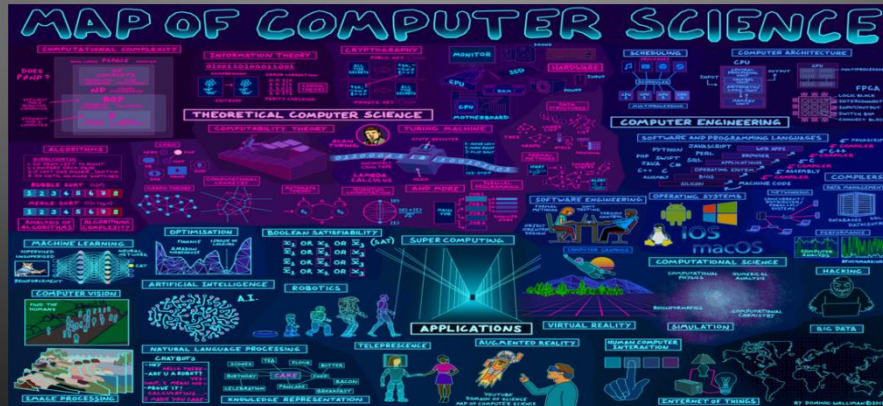
They use skills in programming, technical knowledge, and analytical thinking to solve complex problems in various fields by creating and improving computer systems, programs, and networks



KEY RESPONSIBILITIES :

- **Algorithm and software development:**
 - Create, test, and maintain new or existing code and programs. This involves identifying and troubleshooting bugs, writing clean and well-documented code, and designing algorithms for efficiency and scalability.
- **System design and analysis:**
 - Analyze user needs and design computer systems, software, and networks to meet those requirements. This can include developing new tools or upgrading existing systems to improve performance.
- **Research and innovation:**
 - Conduct research to develop new computational theories, models, and technologies. This includes applying concepts from machine learning, artificial intelligence, and data science to solve real-world problems.
- **Data management and analysis:**
 - Design and manage databases, analyze large-scale data sets, and extract meaningful insights to inform decision-making.
- **Collaboration and communication:**
 - Work with other professionals like software engineers and data scientists, and present technical information and research findings to various stakeholders.

ROAD MAP



SKILLS REQUIRED

- **TECHNICAL SKILLS**
- **Programming languages:**
- Proficiency in languages like Python, Java, C++, and JavaScript is fundamental for creating software and applications.
- **Data structures and algorithms:**
- A strong understanding of DSA is crucial for efficient problem-solving.
- **Software development:**
- Knowledge of the software development lifecycle, including methodologies like Agile, version control (Git), and testing.
- **SOFT SKILLS**
- **Problem-solving:**
- The ability to analyze complex issues, think critically, and develop effective solutions.
- **Communication:**
- The capacity to clearly explain technical concepts to both technical and non-technical audiences.

FUTURE SCOPE

- The future scope for computer science (CS) engineers is vast and promising, with high demand in emerging fields like Artificial Intelligence (AI), Machine Learning (ML), cybersecurity, and cloud computing.

Emerging and in-demand fields

- AI&ML
- Data science
- cyber security

PRACTICAL-3

Aim : To design a poster for Digital Awareness Week using Canva.

DIGITAL AWARENESS WEEK

Navigate. Connect. Protect



October 12 • 18, 2026

Join the Conversation!

Learn

PRACTICAL-4

Aim- To draft and send a professional Internship email with attachment

Application for Internship – Web Development / Graphic Design

Inbox x

Irfan Ansari <irfanan...> 13 Nov 2025, 12:48
to pradip.kumar.singh



Respected Pradip Kumar sir,

I hope this message finds you well.

My name is Irfan Ansari, a dedicated B.Tech (CSE – Artificial Intelligence) student at Rungta International Skills University, Bhilai, in association with Google. I am writing to express my sincere interest in a Web Development / Graphic Design Internship at Wipro.

I have a strong foundation in HTML, CSS, and JavaScript, along with creative experience in Canva, Poster Design, and C Programming. Besides my studies, I work as a freelance graphic designer on Fiverr, where I have successfully delivered professional posters, flyers, and logos for various clients. Through these experiences, I have developed creativity problem-solving skills, and a deep understanding of visual communication.

Kindly find my resume attached for your review. I would be grateful for the opportunity to discuss how I can contribute to your team and learn from Wipro's innovative environment.

Thank you for your time and consideration.
I look forward to your positive response.

Warm regards,

Irfan Ansari

9770650350 | 7049544680

irfanansari456k@gmail.com

Bhilai, Chhattisgarh


One attachment • Scanned by Gmail

Add to Drive



PRATICAL - 5

Aim- Create a google form of Student attendance report



Student Attendance Form

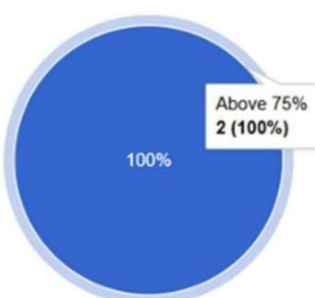
Form description

STUDENT FULL NAME

Short answer text

Attendance Status

2 responses



Attendance Status	Count	Percentage
Above 75%	2	100%
Below 75%	0	0%

[Copy chart](#)

Reason for absence

2 responses

NA

Medical Reasons

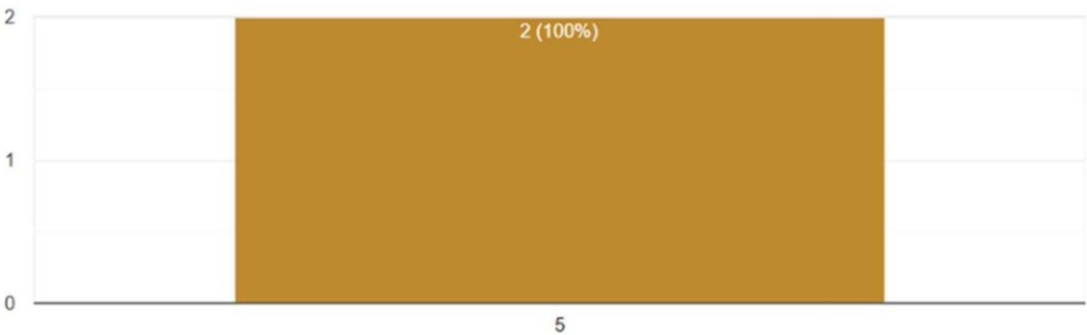
[Unload Leave Application](#)

[View folder](#)

Total no of classes conducted Today

 Copy chart

2 responses



No of classes attended

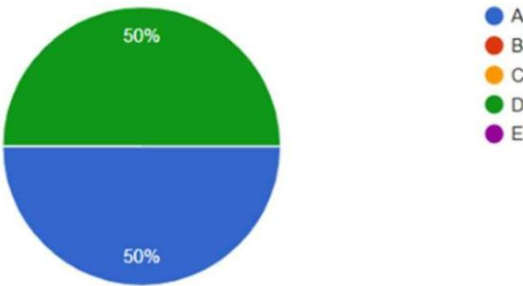
2 responses



Section

 Copy chart

2 responses



Date of Attendance

2 responses



Total no of classes conducted Today


 Copy chart

2 responses

Upload Leave Application

 [View folder](#)

2 responses

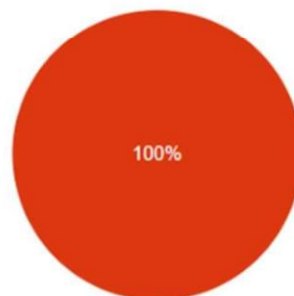
 NALS ASSIGNMENT QUES (1) - Raunak Mishra.pdf





 sajal NALS practical file - Rati Raj.pdf

Subject Attended Today

 [Copy chart](#)

2 responses



-  programming with C
-  Digital logic
-  Mathematics
-  Communication proficiency

PRATICAL - 7

Aim- To upload and organize files and cloud storage

Aim:

To upload and organize files in cloud storage.

Objectives:

- To manage files online
- To share files securely

Materials Required:

- Google Drive / OneDrive account

Procedure:

1. Create folder “Unit 3 Practical Work”

Open Google Drive or your file manager and create a new folder named “**Unit 3 Practical Work.**”

This folder will store all files related to the practical.

2. Upload documents

Click the **Upload** option and select the required documents from your device. The files will be saved inside the main folder for easy access.

3. Create subfolders

Inside the main folder, create additional subfolders to categorize your documents. This helps keep your work organized and easy to locate.

4. Share main folder with View only

Right-click the folder, choose **Share**, and set the permission to **View only** for others.

This allows people to see the contents but prevents them from editing or deleting files.



Search in Drive



Google



+ New

Home

Activity

Workspaces

My Drive

Shared drives

Shared with me

Recent

Starred

Spam

Trash

Storage

4.5 MB used

My Drive > Unit 3 practical work



Type

People

Modified

Source

Name

Owner

Date modified

File size



Assignment

me

Dec 8

—



Images

me

Dec 8

—



Notes

me

Dec 8

—



Unit 3 practical work



Details

Activity

This month

You shared 3 items
9:31AM Dec 8

Time_Speed (1).doc

Time_Speed (1).pdf

IMG-20251206-WA...

harshali.vaishnav@runga.org
Viewer

You shared 3 items
9:29AM Dec 8

IMG-20251206-WA...

Time_Speed (1).pdf

Time_Speed (1).doc

harshali.vaishnav@runga.org
Editor

PRACTICAL- 8

Aim-To identify phishing attempts through digital messages

“You are shortlisted for a Remote Software Developer role at Google.

Salary: ₹18 LPA.

Pay ₹2,499 as verification fee.

Limited seats. Pay now to confirm.”

ANSWER THE QUESTIONS :-

a. What type of cybercrime is happening here?

Ans- This is a type of Phishing or Job Scam.

- It is called Phishing because the scammer is impersonating a reputable company (Google) to "lure" Aman into providing sensitive information (money/bank details).

- Specifically, it is an Employment/Job Scam, aimed at defrauding money by offering the false promise of a job.

b. List 3 red flags that show it is a scam?

Ans-The following 3 points clearly indicate that this message is a scam:

Demand for a Verification Fee: No legitimate and large company (like Google) ever asks candidates for a "verification fee", security deposit, or processing fee to secure a job offer, especially in the initial stages. This is the biggest red flag

Overly Attractive, Vague Offer: An attractive salary of ₹18 LPA is offered, but this offer is made without any formal interview or selection process. Reputable companies, especially Google, do not extend final offers without a rigorous, multi-stage interview process

1. Urgency for Immediate Payment ('Limited Seats', 'Pay Now'): Scammers often use phrases like "limited seats" or "pay immediately" to create pressure and prevent the victim from thinking clearly. This is a common phishing tactic.

What should he do to verify if a job offer is real?

Ans-Aman should take these steps to verify the job offer:

1.

- **Check Google's Official Website:** Aman should go directly to Google Careers (Google's official career website) and see if the position (Remote Software Developer) is listed there. If it were a genuine position, it would always be found on Google's own website.
- **Use Official Contact Information:** Instead of replying to the LinkedIn message, he should contact Google's Recruiting department through the email or contact form provided on Google's official website and inquire about this offer.

Check the Source of the Message: On LinkedIn, he should check if the profile of the person sending the message is that of a genuine Google employee. He should examine that person's profile to see if actually work at Google and if their profile looks suspicious (e.g., recently created, very few connections, etc.).



Component	Answer
a) Cybercrime Type	Phishing (specifically an Advance Fee / Recruitment Scam).
b) 3 Red Flags	1. Fee Request: Legitimate companies (like Google) never require payment to get a job. 2. Instant High Offer: No rigorous interview process for a high-salary role (₹18 LPA). 3. Sense of Urgency: "Limited seats. Pay now" pressures the victim.
c) Action to Verify	1. DO NOT Pay. 2. Verify on Official Site: Search for the job/ID on the official Google Careers website. 3. Report: Report the message to LinkedIn and block the sender.

PRATICAL-9

Aim-To create a quiz with automatic grading and time limit

Digital Literacy Quiz

B *I* U  

Welcome to an interesting and informational Quiz where
you will learn everything about digital platform . I can Make sure That you will never regret

1. Which of the following is the strongest password?

- ☐ password123
- ☐ John2020
- ☐ L@k3!F0x#92
- ☐ qwerty

What does a web browser do?

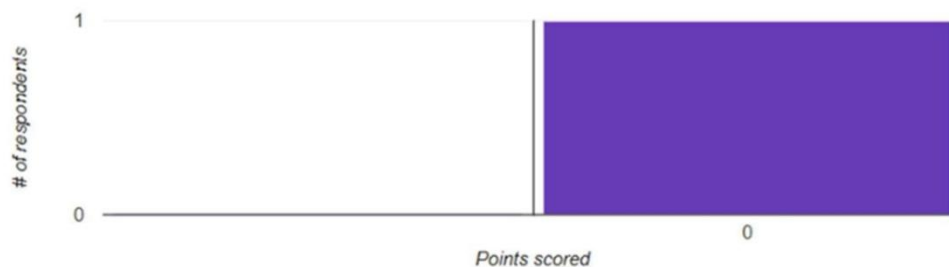
 Insights

Average
0 / 0 points

Median
0 / 0 points

Range
0 - 0 points

Total points distribution





Untitled form (Responses) ☆ Saved to Drive

File Edit View Insert Format Data Tools Extensions Help



Share



100%



£

%

0.00

123

Roboto



10



B



I



A



A1

Timestamp

A

B

C

D

E

F

Form Responses



1

Timestamp

Score

1. Which of the following best defines a computer?

2. Which characteristic of a computer refers to its ability to perform multiple tasks simultaneously?

3. Which type of computer is most commonly used for personal tasks?

4. A smartphone is an example of a: 5.

2

24/11/2025 10:39:24

26 / 30

An electronic device that processes data

Versatility

Desktop

C) Mobile Computer

30

3

24/11/2025 10:39:39

24 / 30

An electronic device that processes data

Versatility

Desktop

C) Mobile Computer

30

4

24/11/2025 10:45:15

26 / 30

An electronic device that processes data

Versatility

Desktop

C) Mobile Computer

30

5

24/11/2025 10:46:20

26 / 30

An electronic device that processes data

Versatility

Desktop

C) Mobile Computer

30

6

24/11/2025 10:56:36

20 / 30

An electronic device that processes data

Versatility

Desktop

C) Mobile Computer

30

7

24/11/2025 11:00:02

26 / 30

An electronic device that processes data

Versatility

Desktop

C) Mobile Computer

30

8

24/11/2025 11:50:59

26 / 30

An electronic device that processes data

Versatility

Desktop

C) Mobile Computer

30

9

25/11/2025 22:25:37

14 / 30

An electronic device that processes data

Accuracy

Desktop, Supercomputer

C) Mobile Computer

30

10

25/11/2025 22:28:35

14 / 30

An electronic device that processes data

Accuracy

Supercomputer

C) Mobile Computer

30

11

25/11/2025 22:34:23

18 / 30

An electronic device that processes data

Accuracy

Supercomputer

C) Mobile Computer

30

12

12/12/2025 01:00:46

18 / 30

An electronic device that processes data

Versatility

Supercomputer

C) Mobile Computer

30

13

14

15

16

17



Form responses 1



PRACTICAL- 10

Aim- To analyze AI Generated text for plagiarism and bias

Before:-

justdone Plagiarism Checker AI Humanizer AI Detector AI Tools Pricing Log In Try JustDone

High plagiarism level

Online learning and offline learning each have their own strengths, and deciding which one is better often depends on what students need and prefer. Online classes give students the freedom to study at their own pace and from any location, which is especially helpful for those with busy schedules. On the other hand, offline learning offers a traditional classroom environment where students can interact directly with teachers and classmates, making discussions and group activities easier. Some subjects are also better taught in person, particularly those that require hands-on practice or access to special equipment. Because of these factors, both online and offline learning can be effective, but their success depends on how well they match a student's learning style and academic goals.

66%
Average plagiarism level

44%
Minor changes

5%
Identical

Double checked by

Originality.ai Scribbr GPTZero

Remove plagiarism from your text "Learning methods"

Remove Plagiarism

- Get 100% plagiarism-free text
- Keep your original meaning
- We don't store your texts

Used by Students and Academics from all over the world

grammarly

Product Work Education Pricing Resources Contact Sales My Grammarly Get Grammarly It's free

Grammar Check Plagiarism Checker Paraphrasing Tool AI Detector AI Humanizer

Plagiarism Checker

Ensure every word is your own with Grammarly's AI-powered plagiarism checker, which uses advanced AI to detect plagiarism in your text and check for other writing issues.

prefer. Online classes give students the freedom to study at their own pace and from any location, which is especially helpful for those with busy schedules. On the other hand, offline learning offers a traditional classroom environment where students can interact directly with teachers and classmates, making discussions and group activities easier. Some subjects are also better taught in person, particularly those that require hands-on practice or access to special equipment. Because of these factors, both online and offline learning can be effective, but their success depends on how well they match a student's learning style and academic goals.

We have found plagiarism in your text and have also detected 2 writing issues.

Plagiarism found	1	Grammar	✓
Spelling	✓	Punctuation	✓
Conciseness	✓	Readability	✓
Word choice	✓	Additional issues	2

Get Grammarly Pro

justdone Plagiarism Checker AI Humanizer AI Detector AI Tools Pricing Log In Try JustDone

High plagiarism level

Online learning and offline learning each offer unique benefits, so whether one is better for college students depends on individual needs and circumstances. Online learning provides flexibility, allowing students to study from anywhere and manage coursework around jobs or personal responsibilities. It also offers access to a wide range of courses and digital resources that can enhance understanding. However, offline learning creates a more structured environment, encourages face-to-face interaction, and supports stronger communication with professors and peers. It is especially effective for hands-on or lab-based subjects that require physical participation. Therefore, neither format is universally better; the best choice depends on a student's learning style, motivation level, and the type of course they are taking.

98%
Average plagiarism level

31%
Minor changes

6%
Identical

Double checked by

Originality.ai Scribbr GPTZero

Remove plagiarism from your text "Online and offline learning"

Remove Plagiarism

- Get 100% plagiarism-free text
- Keep your original meaning
- We don't store your texts

PRACTICAL-11

Aim:- To compare AI-generated content with student-created content

MY CONTENT:-

AI will definitely change the job market, but it won't replace all jobs. Instead, it will automate repetitive tasks and push many roles to evolve. Some jobs may disappear, but new opportunities will also be created— especially in fields that require creativity, problem-solving, emotional intelligence, or human judgment. The key is to adapt, learn new skills, and work alongside AI rather than fear it. AI is a tool, not a total replacement for human capability.

AI GENERATED Content :- AI is unlikely to fully replace all jobs, but it will fundamentally transform nearly every sector by automating repetitive and rule-based tasks, leading to significant shifts in required skills. While AI will displace some roles, it is simultaneously creating a vast number of new, specialized jobs in fields like AI development, data science, and ethics. The future workplace will demand human workers to focus on tasks requiring creativity, complex problem-solving, emotional intelligence, and interpersonal interaction, viewing AI as a powerful collaborative tool that augments, rather than eliminates, human capabilities.

~OUTPUT~

Feature	Human-Written Paragraph	AI-Generated Paragraph
Style	Simple, personal, straightforward	More polished and structured
Tone	Informal and relatable	Formal and academic
Clarity	Clear but basic explanations	Clear with more detailed phrasing
Content	Focuses on everyday usefulness	Highlights broader digital skills and adaptation
Limitations	May lack depth or advanced vocabulary	May sound generic or overly formal


PRACTICAL-12

Aim:-To create revision notes using notebook LM

AI Detector: Free AI Checker for... x +

grammarly.com/ai-detector

Set Google Chrome as your default browser and pin it to your taskbar Set as default

 Product Work Education Pricing Resources

Contact Sales Log in Get Grammarly It's free

Grammar Check Plagiarism Checker Paraphrasing Tool AI Detector AI Humanizer

Navigate responsible AI use with our AI checker, trained to identify AI-generated text. A clear score shows how much of your work appears to be written with AI so you can submit it with peace of mind.


AI GENERATED Content :- AI is unlikely to fully replace all jobs, but it will fundamentally transform nearly every sector by automating repetitive and rule-based tasks, leading to significant shifts in required skills. While AI will displace some roles, it is simultaneously creating a vast number of new, specialized jobs in fields like AI development, data science, and ethics. The future workplace will demand human workers to focus on tasks requiring creativity, complex problem-solving, emotional intelligence, and interpersonal interaction, viewing AI as a powerful collaborative tool that augments, rather than eliminates, human capabilities.

Scan for AI Upload file

168/1500 words

AI Detection results

0% of this text appears to be AI-generated



0%

Resembles AI text 0%

No AI text patterns found 100%

Great! Improve quality with grammar, tone, and citation checks. Get Grammarly It's free

Join millions who write better, faster with Grammarly. Get Grammarly It's free

Introducing ChatGPT | OpenAI x ChatGPT x Google NotebookLM | AI Res... x Digital Awareness: Security and... x Home - Google Drive

notebooklm.google.com/notebook/e64d871c-40cf-4847-9868-0f06c04e0f93

Digital Awareness: Security and Safety

+ Create notebook Share Settings

Sources

- Select all sources
- 10 Steps to revising your a...
- 8 must-have student revis...
- Cornell Notes - Wikipedia
- Examining the effects of no...
- How to Make Good Revisio...
- How to Take Revision Note...
- NALS - PA - 03.pdf
- Spaced repetition - Wikip...
- The Best Note-Taking Meth...
- Turn Lecture Notes Into St...
- revising a thesis chapter - ...

Chat

Digital Awareness: Security and Safety

11 sources

This source, titled "NALS - PA - 03.pdf" is a visually minimal document focused on digital awareness and safety. The majority of the excerpts are composed of an animation or graphic element featuring a glowing cyan dot against a white background that moves and changes shape slightly. The text sections indicate that the source pertains to a "WEEK" encouraging people to "Empower Yourself in the Digital Age," specifically highlighting topics such as online security tips, internet safety for all, and recognizing misinformation between December 01 - 07 December. The message is summarized with the call to action: "LEARN. SECURE. THRIVE."

Start typing... 11 sources

Studio > App

Study Flashcards

Based on 11 sources

What is the purpose of writing a 'spew draft' of an academic article or chapter?

See answer

2 / 57 cards

Good content Bad content

NotebookLM can be inaccurate; please double check its responses.

23°C Mostly clear Search 20:00 12-12-2025

Introducing ChatGPT | OpenAI x ChatGPT x Google NotebookLM | AI Res... x NotebookLM x Home - Google Drive

notebooklm.google.com/notebook/e64d871c-40cf-4847-9868-0f06c04e0f93

Study Flashcards

Based on 11 sources

Study Flashcards

What is the first step in the 10-step revision process for an academic article?

See answer

Restart 3 / 57 cards Download

Good content Bad content

NotebookLM can be inaccurate; please double check its responses.

23°C Mostly clear Search 20:04 12-12-2025

notebooklm.google.com/notebook/e64d871c-40cf-4847-9868-0f06c04e0f93

Mastering Effective Note-Taking and Academic Revision

Based on 11 sources

Note-Taking and Revision Strategies

- Academic Revision: 10 Steps for Articles/Chapters
- Note-Taking Styles and Impact on Learning
- Specific Note-Taking Methods
- Revision Techniques and Tools
- Essential Revision Apps

Good content Bad content

NotebookLM can be inaccurate; please double check its responses.

23°C Mostly clear Search 20:01 12-12-2025

PRACTICAL-13

Excel Student Result Management

Aim:

To analyze student marks using Excel tools.

Objectives:

- To apply Excel formulas
- To create charts

Materials Required:

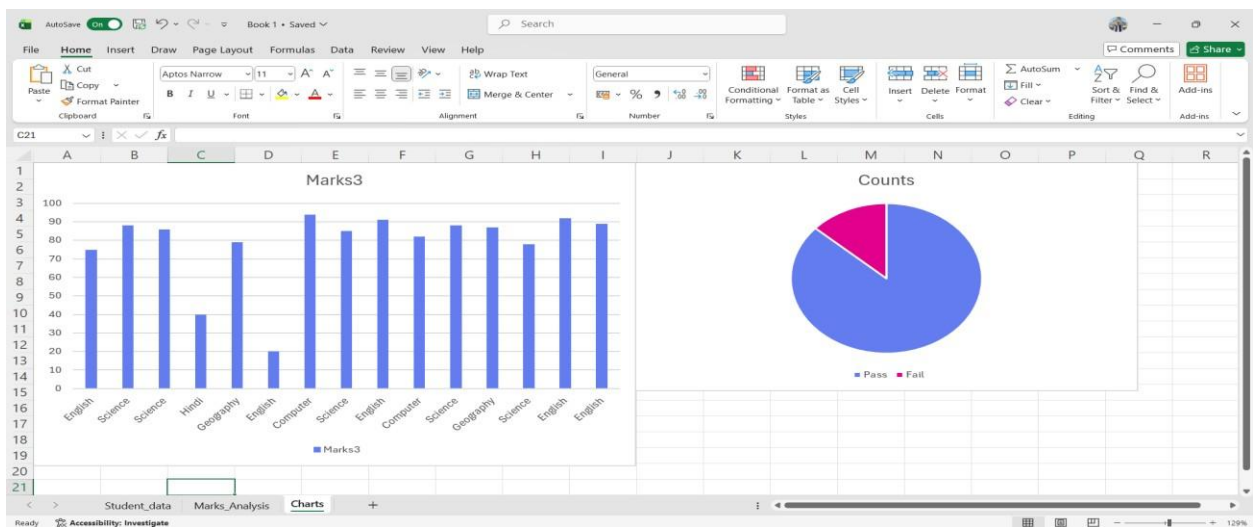
- MS Excel

Procedure:

1. Enter student data – Input students' names, marks, and other required details into the spreadsheet.
2. Use Flash Fill – Apply Flash Fill to automatically complete patterns such as separating names or formatting data.
3. Replace incorrect values – Identify errors and use Find & Replace or manual correction to fix inaccurate entries.
4. Calculate pass/fail using IF – Create an IF formula to determine whether each student passes or fails based on their score.
5. Use COUNTIF and AVERAGE – Apply COUNTIF to count specific results and AVERAGE to compute the class's mean score.
6. Create charts – Generate visual charts to represent student performance trends or score distributions.
7. Apply conditional formatting – Use color-based formatting to highlight important values, such as low scores or top performers.

AutoSave On										Book 1 - Saved										Search																			
File Home Insert Draw Page Layout Formulas Data Review View Help Table Design										Comments Share																													
Clipboard Font Alignment Number Styles Cells Editing Add-ins																																							
A6										Suresh Das																													
Name Roll No Class City Subj1 Marks1 Subj2 Marks2 Subj3 Marks3 Total Mark First Name Last Name Pass/Fail count(belong to delhi) Pass/Fail2 Counts																																							
1 Rahul Verma 1 9 delhi Math 78 Science 82 English 75 235 Rahul Verma pass 3 Pass 13																																							
2 Neha Sharma 2 9 Jaipur English 85 History 80 Science 88 253 Neha Sharma pass Fail 2																																							
3 Aman Khan 3 9 Lucknow Math 90 Computer 92 Science 86 268 Aman Khan pass																																							
4 Pooja Patel 4 9 Surat Math 50 English 10 Hindi 40 100 Pooja Patel fail																																							
5 Suresh Das 5 9 delhi Science 88 Math 84 Geography 79 251 Suresh Das pass																																							
6 Ankit Singh 6 9 Patna Math 60 Science 10 English 20 90 Ankit Singh fail																																							
7 Riya Gupta 7 9 Noida English 92 Science 89 Computer 94 275 Riya Gupta pass																																							
8 Mohit Jain 8 9 Indore Math 81 English 77 Science 85 243 Mohit Jain pass																																							
9 Sneha Iyer 9 9 Chennai Science 90 Math 88 English 91 269 Sneha Iyer pass																																							
10 Karan Malhotra 10 9 Chandigarh Math 74 Science 79 Computer 82 235 Karan Malhotra pass																																							
11 Aditi Rao 11 9 Bengaluru English 86 History 83 Science 88 257 Aditi Rao pass																																							
12 Nikhil Pawar 12 9 Pune Math 89 Science 91 Geography 87 267 Nikhil Pawar pass																																							
13 Simran Kaur 13 9 delhi English 80 Punjab 85 Science 78 243 Simran Kaur pass																																							
14 Arjun Mehta 14 9 Mumbai Math 93 Science 90 English 92 275 Arjun Mehta pass																																							
15 Kavya Nair 15 9 Kochi Science 87 Math 84 English 89 260 Kavya Nair pass																																							
16																																							
17																																							
18																																							
19																																							
20																																							
21																																							
22																																							
23																																							
24																																							
Student data										Marks Analysis										Charts																			
Ready Accessibility: Investigate																																							

Name	Roll No	Class	City	Subj1	Marks1	Subj2	Marks2	Subj3	Marks3	Average	Min	Max
Rahul Verma	1	9	delhi	Math	78	Science	82	English	75	78	75	82
Neha	2	9	Jaipur	English	85	History	80	Science	88	84	80	88
Aman Khan	3	9	Lucknow	Math	90	Computer	92	Science	86	89	86	92
Pooja Patel	4	9	Surat	Math	50	English	10	Hindi	40	33	10	50
Suresh Das	5	9	delhi	Science	88	Math	84	Geography	79	84	79	88
Ankit Singh	6	9	Patna	Math	60	Science	10	English	20	30	10	60
Riya Gupta	7	9	Noida	English	92	Science	89	Computer	94	92	89	94
Mohit Jain	8	9	Indore	Math	81	English	77	Science	85	81	77	85
Sneha Iyer	9	9	Chennai	Science	90	Math	88	English	91	90	88	91
Karan Malhotra	10	9	Chandigarh	Math	74	Science	79	Computer	82	78	74	82
Aditi Rao	11	9	Bengaluru	English	86	History	83	Science	88	86	83	88
Nikhil Pawar	12	9	Pune	Math	89	Science	91	Geography	87	89	87	91
Simran Kaur	13	9	delhi	English	80	Punjab	85	Science	78	81	78	85
Arjun Mehta	14	9	Mumbai	Math	93	Science	90	English	92	92	90	93
Kavya Nair	15	9	Kochi	Science	87	Math	84	English	89	87	84	89



Practical 14: Sales Data Workbook

Aim:

To analyze sales data using Excel formulas and charts.

Objectives:

- To use SUMIF formulas
- To filter categories

Materials Required:

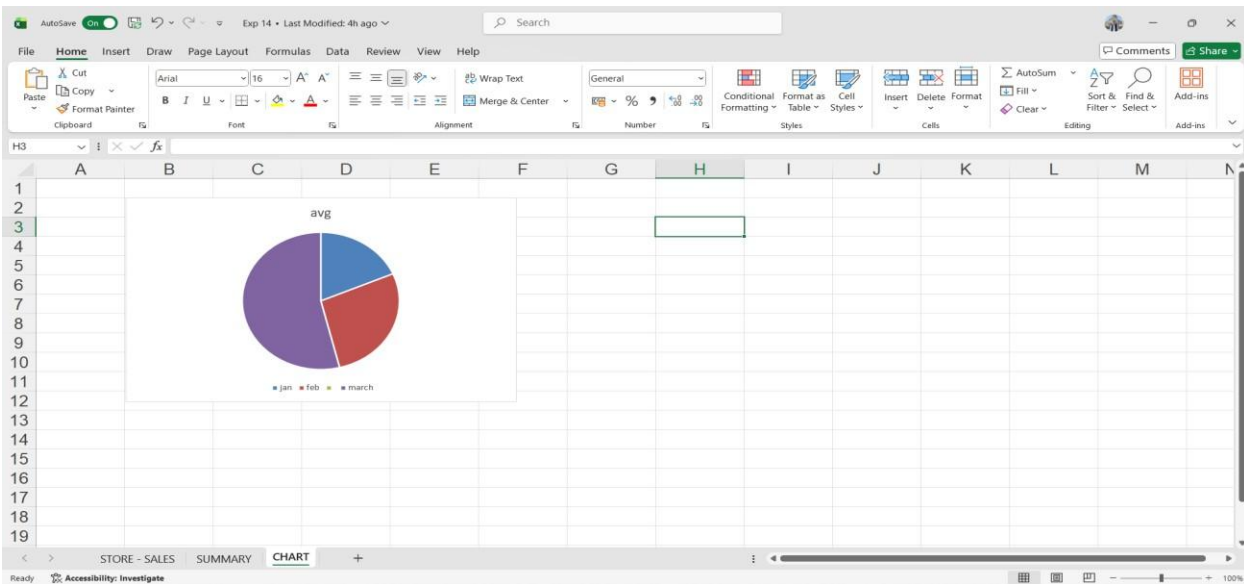
- Excel

Procedure:

1. Enter or import sales data – Add sales records manually or import them from an external file to build your dataset.
2. Sort and filter – Organize the data by sorting and apply filters to focus on specific products, dates, or regions.
3. Use SUMIF – Apply the SUMIF function to total sales based on a chosen condition, such as product type or salesperson.
4. Extract text using LEFT/RIGHT – Use LEFT or RIGHT functions to pull specific characters from product codes or IDs.
5. Create line chart – Plot a line chart to visualize sales trends over time for clearer analysis.
6. Protect sheet – Lock the sheet or specific cells to prevent unauthorized edits and maintain data integrity.

	A	B	C	D	E	F	G	H	I	J	K	L
	Date	Product	Category	Quantity	Price	TOTAL SALES	left (first three letter of product name)	Last two letter of the category	MID	Min	Max	
1	01-01-2025	Laptop	Electronics	2	800	1600	Lap	cs	aptop			
2	02-01-2025	Smartphone	Electronics	5	500	2500	Sma	cs	marph			
3	08-01-2025	Headphones	Electronics	1	400	400	Hea	cs	eadpho	400	2500	
4	11-01-2025	Headphones	Electronics	4	200	800	Hea	cs	eadpho			
18	FEBRUARY											
21	01-02-2025	Laptop	Electronics	6	800	4800						
22	02-02-2025	Smartphone	Electronics	3	500	1500						
23	19-02-2025	Headphones	Electronics	2	400	800						
24	21-02-2025	Headphones	Electronics	4	200	800						
26	MARCH											
27	01-03-2025	Laptop	Electronics	10	800	8000						
28	02-03-2025	Smartphone	Electronics	8	500	4000						
29	19-03-2025	Headphones	Electronics	5	400	2000						
30	21-03-2025	Headphones	Electronics	7	200	1400						

	A	B	C	D	E	F	G	H	I	J	K	L
1	months	avg	sum									
2	jan		1325	5300								
3	feb		1975	7900								
5	march		3850	15400								



Practical 15: Personal Financial Planner

Aim:

To prepare a personal financial planner using Excel.

Objectives:

- To track expenses
- To compare budget vs actual

Materials Required:

- Excel

Procedure:

1. Enter expenses – Record all expense items with their categories, dates, and amounts in the spreadsheet.
2. Apply Data Validation – Set validation rules to restrict inputs, such as allowing only numbers or predefined categories.
3. Use SUMIF – Use the SUMIF function to total expenses by category or any specific condition you choose.
4. Create budget sheet – Design a separate sheet comparing planned budgets to actual spending for better tracking.
5. Highlight expenses above limit – Apply conditional formatting to automatically mark entries that exceed your budget limit.
6. Create charts – Generate charts to visually present spending patterns, category breakdowns, or monthly totals.
7. Adjust print settings – Modify page layout, scaling, and margins to ensure the sheet prints clearly and fits on the page.

Untitled spreadsheet • Last Modified: 4h ago										
File Home Insert Draw Page Layout Formulas Data Review View Help										
Clipboard Font Alignment Number Styles Cells Editing Add-ins										
M13										
	A	B	C	D	E	F	G	H	I	J
1	Date	Category	Expense Detail	Amount	Payment Method					
2	01-01-2025	Food	Breakfast	5000	Cash					
3	02-01-2025	Travel	Bus fare	2000	Cash					
4	03-01-2025	Entertainment	Lunch	8000	Card					
5	04-01-2025	Shopping	Movie ticket	1200	Card					
6	05-01-2025	Education	Bags	1530	Card					
7	06-01-2025	Utilities	Snacks	3025	Cash					
8	07-01-2025	Health	Taxi	1000	UPI					
9	08-01-2025	Shopping	Notebook	4500	Cash					
10	09-01-2025		Mobile recharge	2000	UPI					
11	10-01-2025		Dinner	1140	Card					
12	11-01-2025		Footwear	6800	Cash					
13	12-01-2025		Online subscription	9990	Card					
14	13-01-2025		Train ticket	7500	UPI					
15	14-01-2025		Medicine	1320	Cash					
16	15-01-2025		Coffee	4000	Cash					
17	16-01-2025		Clothes	2500	Card					
18	17-01-2025		Stationery	6600	Cash					
19	18-01-2025		Lunch	9100	UPI					
20	19-01-2025		Fuel	1875	Card					
21	20-01-2025		Game top-up	5000	UPI					
22	21-01-2025		Chocolates	1240	Cash					
23	22-01-2025		Internet bill	3000	Card					
24										

Untitled spreadsheet • Last Modified: 4h ago										
File Home Insert Draw Page Layout Formulas Data Review View Help										
Clipboard Font Alignment Number Styles Cells Editing Add-ins										
D13										
	A	B	C	D	E	F	G	H	I	
1	Category	Total	budget	diff		Day	month	year		
2	food	10000	5000	-5000		Monday	january	2018		
3	travel	2000	2000	0		Tuesday	february	2019		
4	Entertainme	7000	8000	1000		Wednesday	march	2020		
5	Shopping	250	1200	950		Thursday	april	2021		
6	Education	10	1530	1520		Friday	may	2022		
7	Utilities	4000	3025	-975		Saturday	june	2023		
8	Health	200	1000	800		Sunday	july	2024		
9	Shopping	2500	4500	2000		Monday	august	2025		
10										
11										
12										

