

Linux Commands Run Screenshots

```
Last login: Thu Nov 27 11:24:45 on console
khushbusingh@Khushbus-MacBook-Air ~ % pwd
/Users/khushbusingh
khushbusingh@Khushbus-MacBook-Air ~ % ls
Desktop      Downloads      Library      Music      Pictures      PROGRAMMING
Documents    eval          Movies       Pictures    Public
khushbusingh@Khushbus-MacBook-Air ~ % mkdir study_planner
khushbusingh@Khushbus-MacBook-Air ~ % cd study_planner
khushbusingh@Khushbus-MacBook-Air study_planner % touch tasks.txt
touch reminders.txt
khushbusingh@Khushbus-MacBook-Air study_planner % echo "Finish maths homework by Monday" >> tasks.txt
khushbusingh@Khushbus-MacBook-Air study_planner % cat tasks.txt
Finish maths homework by Monday
khushbusingh@Khushbus-MacBook-Air study_planner % mv reminders.txt notes.txt
khushbusingh@Khushbus-MacBook-Air study_planner % cp tasks.txt backup.txt
khushbusingh@Khushbus-MacBook-Air study_planner % chmod 444 tasks.txt
khushbusingh@Khushbus-MacBook-Air study_planner % ls -l
total 16
-rw-r--r--  1 khushbusingh  staff  32 29 Nov 14:28 backup.txt
-rw-r--r--  1 khushbusingh  staff   6 29 Nov 14:28 notes.txt
-rw-r--r--  1 khushbusingh  staff  32 29 Nov 14:28 tasks.txt
khushbusingh@Khushbus-MacBook-Air study_planner %
```

```
UV PICO 5.89                                         File: study_planner_setup.sh                                         Modified

# Create subfolders
mkdir -p Study_Planner/Notes
mkdir -p Study_Planner/Assignments
mkdir -p Study_Planner/Reminders
mkdir -p Study_Planner/Completed_Tasks

# Create files
touch Study_Planner/tasks.txt
touch Study_Planner/today_plan.txt
touch Study_Planner/reminders.txt

# Add current date to the plan file
echo "Study Plan for: $(date)" >> Study_Planner/today_plan.txt
echo "Folder structure created successfully!"
echo "You can now add your study tasks inside Study_Planner/"

Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ? 
 Yes  No

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-rw-r--r-- 1 khushbusingh staff  0 29 Nov 14:28 notes.txt
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khushbusingh@Khushbus-MacBook-Air study_planner % nano study_planner_setup.sh
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Artificial Intelligence (AI)

– The Future Tech Powerhouse



Technology Overview

- AI is simulation of human intelligence by machines
- It enables system to learn, reason, and make decisions
Major branches:
 - Machine Learning, Deep Learning, NLP
 - Computer Vision
- Applications:
 - Self-driving cars
 - Chatbots & virtual
 - Healthcare
 - Robotics & diagnostics
 - automation



Job Roles & Salary Trends in India (2025)

AI Engineer	8–18 LPA
Machine Learning Engineer	10–25 LPA
Data Scientist	10–22 LPA
NLP Engineer	8–20 LPA
Computer Vision Engineer	12–28 LPA
AI Researcher	15–40 LPA

AI salaries are among the fastest-growing in the tech industry.



Certifications Related to AI

- Google Professional Machine Learning Engineer (Google Cloud)
- IBM AI Engineering Certificate (Coursera)
- Microsoft Azure AI Fundamentals

