session 1 : I have to implement google Login and send our calendar schedule to google calendar or receive schedule from google calendar.

Session 2 : I am currently studying for Data Structures & Algorithm finals. Course materials have red-black trees, (fibonacci) heaps, sorting algorithms, kmp, Binary search trees.

Session 3 : I am currently studying for Deep neural network finals. The course covers mathmatical foundations, newer models (such as Attention, GAN, LSTM, RHLF, seq2seq), but does not focus on practical acts.

Session 4 : I am currently studying for Cloud Computing finals. We learnt about kubernetes, and CI/CD with github actions + terraform IaC. Through the course of studying, I also have to implement toy examples from the lecture for further understanding.

Session 5 : I have to implement a fine-tuned transformer model which classifies if current url visit is valid based on session context given by user.

Session 6 : I have to write about a paper to persuade that banning smoking at all is beneficial and does not violate human rights.

URL 1: https://www.youtube.com/
     session fit : * (can fit any)
     explanation : hub of links that can be used generally to access other links.
URL 2: https://www.wikipedia.org/
     session fit : * (can fit any)
     explanation : hub of links that can be used generally to access other links.
URL 3: https://www.google.com/
     session fit : * (can fit any)
     explanation : hub of links that can be used generally to access other links.
URL 4: https://chatgpt.com/
     session fit : x
     explanation : AI chat/model hub. It could theoretically help with any
     session, but the users can do anything "without changing URLs" and the
     model will not scrape chat for privacy reasons, it is better banned.
URL 5: https://store.steampowered.com/
     session fit : x
     explanation : Game store hub; strongly entertainment-oriented and not
     practically useful for any of the five sessions.

URL 6: https://www.tiktok.com/

  session fit : x

  explanation : Short-form video hub heavily optimized for entertainment; unlikely to be compatible with focused study for any session.

URL 7: https://www.youtube.com/watch?v=c3guhZL477Q

  session fit : x

  explanation : (Vendetta | New Hero Gameplay Trailer | Overwatch 2); absolutely not for studying

URL 8: https://blog.naver.com/mindaily0/222403724996

  session fit : x

  explanation : How to cram exams for A+ : related to finals, but not for real studying.

URL 9: https://www.youtube.com/watch?v=wLXFynJCoF4

  session fit : x

  explanation : 스터디윗미🚶Tokyo at SUNSET 🏙 STUDY WITH ME | calm piano + Apple Pencil writing | 2 hours; "study with me" ambience may help some people, but music and visual stimulation are also known distractions. Conservatively treated as off-topic.

URL 10: https://www.notion.so/templates/student-dashboard

  session fit : x

  explanation : A Notion "student dashboard" template gallery. Having an organized dashboard can support any of the sessions (tracking tasks, notes, deadlines), but customizing templates, tweaking layouts, and endlessly reorganizing pages is a classic form of productive procrastination.

URL 11: https://developers.google.com/identity/siwg

  session fit : 1

  explanation : Official "Sign in with Google" docs for web apps. Directly teaches how to integrate Google sign-in, which is a core requirement for Session 1.

URL 12: https://developers.google.com/workspace/calendar/api/quickstart/js

  session fit : 1

  explanation : Google Calendar API JavaScript quickstart. Shows how to authorize a user and call the Calendar API from a web app, exactly matching the "send/receive schedule" goal.

URL 13: https://www.youtube.com/watch?v=K2JD61PZ-8U

  session fit : 1

  explanation : YouTube tutorial "Google Calendar API with NodeJS (Part 1)." A practical, code-level video that walks through integrating the Calendar API in a Node.js app with credentials and basic setup – directly useful for Session 1

implementation.

URL 14:
https://stackoverflow.com/questions/45644039/google-calendar-api-403-error
    session fit : 1
    explanation : Stack Overflow Q&A about a 403 error with the Google Calendar API. A realistic debugging scenario you might hit while wiring up login + calendar. Specific bug posts like this are considered helpful for the implementation phase.

URL 15: https://goteleport.com/blog/how-oauth-authentication-works/
    session fit : 1
    explanation : Detailed explanation of OAuth 2.0 (roles, flows, tokens). Not Google-specific, but understanding OAuth is directly useful background for implementing Google Login and Calendar API safely.

URL 16 :
https://falsy.me/%EA%B5%AC%EA%B8%80-%EC%BA%98%EB%A6%B0%EB%8D%94-api-%EC%82%AC%EC%9A%A9%ED%95%98%EA%B8%B0-for-node-js/
    session fit : 1
    explanation : Korean blog post walking through Google Calendar API usage with Node.js: setting up credentials, authenticating, and working with events. This is exactly the type of practical tutorial that accelerates Session 1.

URL 17: https://cloud.google.com/identity
    session fit : x
    explanation : Product/marketing page for Google Cloud Identity (enterprise IAM). It discusses identity and SSO in an abstract product sense, but doesn't actually show how to implement Sign in with Google or call the Calendar API in your own app – not sufficiently helpful for Session 1.

URL 18: https://www.wired.com/story/how-to-use-google-passkeys
    session fit : x
    explanation : Wired article on using Google passkeys via Google Password Manager. It's about end-user passwordless login UX, not developer-side OAuth integration or Calendar API usage. Feels auth-related, but doesn't move the Session 1 implementation forward.

URL 19: https://support.google.com/accounts/answer/46526
    session fit : x
    explanation : Google support article "Make your account more secure" (Security Checkup, updates, strong passwords). Great for personal account

security, but it does not help you implement Google Login or work with the Calendar API in your code - a classic "Google + security" false positive.

URL 20:
https://meta.stackexchange.com/questions/268482/403-forbidden-error-when-attempting-to-log-into-stackexchange-com
    session fit : x
    explanation : Stack Exchange meta discussion about a 403 login error on the StackExchange network. Superficially similar (403 + login problems), but it's a completely different auth system. Reading this won't help with Google Login or Calendar, so it's an intentional "403-themed" distractor.

URL 21: https://cs231n.github.io/optimization-2/
    session fit : 2
    explanation : CS231n "Backpropagation / computational graphs" notes. It explains backprop step-by-step with equations and diagrams, which is exactly the kind of gradient/chain-rule reasoning a written DNN exam will test.

URL 22:
https://dgkim5360.tistory.com/entry/understanding-long-short-term-memory-lstm-kr
    session fit : 2
    explanation : Korean blog that walks through LSTM gates, cell state, and vanishing gradient issues with clear diagrams. Deeply conceptual, almost no framework-specific boilerplate, so it directly helps you answer "explain LSTM structure / why it fixes RNN problems" type questions.

URL 23: https://sjh9708.tistory.com/230
    session fit : 2
    explanation : Seq2Seq + Attention 설명 글. RNN 기반 Seq2Seq의 구조, 한계점, 그리고 Attention 메커니즘을 수식과 그림으로 다루고 마지막에 번역기 예제를 붙입니다. "Seq2Seq vs Seq2Seq+Attention를 설명하라" 같은 시험 문제에 바로 써먹을 수 있는 개념 정리용 자료.

URL 24: https://nlpinkorean.github.io/illustrated-transformer/
    session fit : 2
    explanation : Jay Alammar "The Illustrated Transformer"의 한국어판. Self-attention, multi-head, positional encoding, encoder/decoder 블록 구조를 그림 위주로 설명해서, Transformer 아키텍처 전체 그림을 잡는 데 최적화된 글이라 시험 대비에 매우 유용합니다.

URL 25: https://huyenchip.com/2023/05/02/rlhf.html
    session fit : 2
    explanation : Chip Huyen의 RLHF 개념 정리 글. 사전학습 → SFT → RLHF 파이프라인, 보상 모델, preference 데이터 수집과 같은 개념을 수식/다이어그램 중심으로 설명해서, "RLHF가 무엇이고 왜 쓰는지 설명하라" 수준의 이론 문제 준비에 딱 맞습니다.

URL 26:
https://www.kaggle.com/code/mlvprasad/pytorch-in-depth-course-2023-for-indian-kaggler
    session fit : x
    explanation : PyTorch 실습 중심 "in-depth course" 노트북으로, GAN 챕터 포함 다양한 모델을 코드 위주로 다룹니다. 실전 프로젝트에는 좋지만, 시험 직전에 수식/이론보다 Colab 코드와 실험 셀을 읽게 될 가능성이 커서, 이 세션의 목표(수학/개념 위주 정리)에는 비효율적이라고 보고 x로 둡니다.

URL 27:
https://medium.com/data-science/how-to-build-a-dcgan-with-pytorch-31bfbf2ad96a
    session fit : x
    explanation : PyTorch로 DCGAN을 구현하는 튜토리얼로, DataLoader 설정, 모델 클래스, 학습 루프 등 코드/엔지니어링 디테일이 중심입니다. "GAN의 목적함수, min-max 게임, mode collapse" 같은 이론보다는 구현 팁에 치우쳐 있어, 이 시험 대비용으로는 덜 적합하다고 판단했습니다.

URL 28:
https://dhruvpadhiyar.medium.com/how-to-deploy-your-deep-learning-model-free-on-heroku-fastapi-pytorch-fastai-heroku-d45b6c77f64b
    session fit : x
    explanation : FastAPI + PyTorch + FastAI 모델을 Heroku에 배포하는 MLOps 튜토리얼. 배포 파이프라인, Heroku 셋업, API 라우팅 등이 핵심이라, "심층신경망 수학/아키텍처/학습 이론"에는 거의 도움이 안 됩니다. DNN '실무'에는 좋지만, 이번 시험 범위와는 동떨어진 주제라 x.

URL 29: https://data-flair.training/blogs/deep-learning-project-ideas/
    session fit : x
    explanation : "23 Amazing Deep Learning Project Ideas" 식으로 캣 vs 도그, 이미지 캡셔닝, pose estimation 같은 프로젝트 아이디어 모음입니다. 재밌고 동기부여는 되지만, 개별 아이디어 설명이 얕고 수식/증명 대신 프로젝트 개요와 링크 위주라, 시험 직전 개념 정리에는 비효율적입니다.

URL 30: https://www.aeccglobal.com/advice/10-best-ai-tools-for-students
    session fit : x

explanation : Grammarly, Notion AI, ChatGPT 같은 "학생용 AI 도구 Top 10" 소개 글입니다. 공부 환경 꾸미는 데는 도움될 수 있지만, 역전파, LSTM, Transformer, GAN, RLHF 등 DNN 이론에 대한 실질적인 내용은 없어서 이 세션의 목적과는 무관하다고 보고 x 로 둡니다.

URL 31:
https://kubernetes.io/docs/tutorials/kubernetes-basics/explore/explore-intro/

    session fit : 3

    explanation : Official Kubernetes basics tutorial on viewing Pods and Nodes, explaining what Pods are, how they run on nodes, and how to inspect them. Directly useful for understanding core Kubernetes concepts for the exam.

URL 32: https://docs.github.com/actions/quickstart

    session fit : 3

    explanation : GitHub Actions quickstart doc that walks through creating a simple CI workflow, showing how workflows, jobs, and triggers fit together. Matches the CI/CD with GitHub Actions part of the course.

URL 33:
https://developer.hashicorp.com/terraform/tutorials/aws-get-started/infrastructure-as-code

    session fit : 3

    explanation : Terraform "What is Infrastructure as Code" tutorial that introduces Terraform configuration, state, and IaC mindset. Good conceptual foundation for the Terraform + IaC portion of the course.

URL 34:
https://www.freecodecamp.org/news/learn-to-use-github-actions-step-by-step-guide/

    session fit : 3

    explanation : Step-by-step guide to GitHub Actions that explains workflows, runners, and typical CI patterns in more detail than the official quickstart. Helpful as a secondary explanation source.

URL 35:
https://velog.io/@bellship24/%EA%B3%B5%EC%8B%9D%EB%AC%B8%EC%84%9C-%EA%B3%B5%EB%B6%80%ED%95%98%EA%B8%B0-Terraform-docs-AWS-01.-What-is-Infrastructure-as-Code-with-Terraform

    session fit : 3

    explanation : Korean blog that summarizes Terraform docs for AWS and explains IaC and Terraform concepts in Korean. Matches Terraform/IaC content

and is easier to digest before reading full docs.

URL 36: https://www.jenkins.io/doc/book/pipeline/
    session fit : x
    explanation : Jenkins Pipeline documentation. It's CI/CD, but focused on Jenkinsfile syntax and Jenkins-specific plugins rather than GitHub Actions, so it can distract from the exam's specific tooling.

URL 37: https://devopscube.com/jenkins-pipeline-as-code/
    session fit : x
    explanation : Jenkins pipeline tutorial for beginners, good for learning Jenkins, but again not aligned with the course's GitHub Actions + Terraform stack. Too tool-specific outside the syllabus.

URL 38: https://aws.amazon.com/lambda/getting-started/
    session fit : x
    explanation : AWS Lambda getting-started guide that dives into serverless functions, API Gateway, Cognito, etc. Interesting cloud topic, but unrelated to Kubernetes/CI/Terraform exam questions.

URL 39: https://www.datacamp.com/tutorial/aws-lambda
    session fit : x
    explanation : DataCamp step-by-step AWS Lambda tutorial focusing on function creation and triggers. Again, serverless/platform-specific rather than Kubernetes + IaC, so not priority for this session.

URL 40:
https://newrelic.com/blog/best-practices/kubernetes-clusters-nodes-and-pods
    session fit : 3
    explanation : Blog post explaining Kubernetes clusters, nodes, and pods in an architecture-focused way. Good supplementary conceptual reading for how pods and nodes relate beyond the official docs.

URL 41: https://huggingface.co/docs/transformers/en/tasks/sequence_classification
    session fit : 4
    explanation : Official Transformers guide for sequence (text) classification. Shows how to fine-tune DistilBERT on a dataset and use the model for inference— basically your assignment but on IMDb instead of URLs.

URL 42:
https://www.kaggle.com/code/atechnohazard/news-classification-using-huggingface-

distilbert

    session fit : 4

    explanation : Kaggle notebook that fine-tunes DistilBERT on the AG News dataset. Very close to your project idea: classification task, DistilBERT, HuggingFace, train/test split, metrics.

URL 43:
https://debuggercafe.com/text-classification-using-transformer-encoder-in-pytorch/

    session fit : 4

    explanation : Blog post implementing text classification with a Transformer encoder in PyTorch. Focuses on model architecture, dataset preparation, and training loop—useful for understanding how to wire the model and data together.

URL 44:
https://amanxai.com/2025/07/22/text-classification-pipeline-with-hugging-face-transformers/

    session fit : 4

    explanation : End-to-end tutorial for building a text classification pipeline with Hugging Face Transformers, from data preprocessing to predictions. Very aligned with building your own fine-tuned URL classifier.

URL 45:
https://colab.research.google.com/github/pytorch-ignite/pytorch-ignite.ai/blob/gh-pages/tutorials/beginner/02-transformers-text-classification.ipynb

    session fit : 4

    explanation : Colab notebook showing how to fine-tune a Transformers model for text classification using PyTorch-Ignite. Good reference for a clean training script structure and evaluation loop.

URL 46: https://platform.openai.com/docs/guides/text

    session fit : x

    explanation : OpenAI text generation guide focusing on prompting models via API. It's about using hosted LLMs for generation, not about training your own local Transformer classifier, so it doesn't match the assignment constraints.

URL 47:

https://medium.com/%40vikashsinghy2k/how-to-build-llm-powered-ai-apps-using-langchain-and-chatgpt-step-by-step-guide-part-1-153d7c3d96b1

    session fit : x

    explanation : Tutorial on building ChatGPT-like apps with LangChain and

ChatGPT API. It's app-level orchestration, not model training or supervised text classification, so it's off target for this session.

URL 48: https://realpython.com/build-llm-rag-chatbot-with-langchain/
    session fit : x

    explanation : RAG chatbot tutorial using LangChain and a database. Very useful for retrieval-augmented chat, but conceptually far from "fine-tune a transformer classifier on labeled URL/context pairs."

URL 49: https://developer.dataiku.com/12/tutorials/machine-learning/genai/nlp/gpt-zero-shot-clf/index.html
    session fit : x

    explanation : Tutorial on using OpenAI GPT via API for zero-shot text classification. This solves classification by prompting a remote LLM instead of training your own model, which conflicts with the assignment's emphasis on fine-tuning.

URL 50: https://platform.openai.com/docs/concepts
    session fit : x

    explanation : OpenAI API "key concepts" page explaining embeddings, completions, etc. Good for API-based solutions, but not for implementing a local Transformer model with training pipeline as required in the project.

URL 51: https://www.who.int/teams/health-promotion/tobacco-control
    session fit : 5

    explanation : WHO tobacco control page. Frames tobacco control in terms of rights to life, health, and freedom, plus references to the WHO FCTC. Very helpful for giving your essay a "global public health + human rights" backbone.

URL 52: https://www.ohchr.org/en/health/right-health-tobacco-control
    session fit : 5

    explanation : OHCHR page explicitly linking tobacco control to the right to health and states' human-rights obligations. Gold for arguing that strong tobacco control (including bans) is *required*, not forbidden, by human rights.

URL 53: https://tobaccocontrol.bmj.com/content/24/3/238
    session fit : 5

    explanation : BMJ Tobacco Control article on human rights and ethical considerations for a tobacco-free world. Directly discusses how human-rights duties interact with endgame tobacco policies, which you can quote or paraphrase.

URL 54:
https://archive.cdc.gov/www_cdc_gov/tobacco/secondhand-smoke/protection/improve-health.htm

    session fit : 5

    explanation : CDC summary of evidence that smoke-free laws improve health (e.g., reduced heart attacks, SHS exposure). Very concrete "banning smoking in places helps health" evidence for your "beneficial" side.

URL 55:
https://www.tobaccofreekids.org/us-resources/fact-sheet/smoke-free-laws-work

    session fit : 5

    explanation : Fact sheet with concise talking points and stats about why smoke-free laws work. Perfect for grabbing quick numbers and simple arguments for your essay.

URL 56: https://tobaccocontrol.bmj.com/content/27/1/3

    session fit : 5

    explanation : "The human rights of children to a tobacco-free environment" (BMJ). Strong child-rights framing: argues kids have a right to be protected from tobacco exposure, which supports the idea that bans protect others' rights rather than violate smokers' rights.

URL 57:
https://www.theguardian.com/society/2025/jun/24/tobacco-exposure-killed-more-than-7m-people-worldwide-2023-study

    session fit : 5

    explanation : News article summarizing recent IHME data that tobacco exposure killed >7 million people in 2023. Useful for up-to-date, punchy stats about global harm to open your essay or motivate strong measures.

URL 58: https://www.who.int/initiatives/SAFER/alcohol-advertising

    session fit : x

    explanation : WHO page on bans/restrictions for alcohol advertising as a public-health measure. Conceptually very similar (health vs "freedom" debates), but focused on alcohol marketing instead of smoking; more like an analogy example than a primary source for your specific topic.

URL 59:
https://petrieflom.law.harvard.edu/2020/02/28/why-soda-taxes-an-awesome-public-health-policy-are-rare/

session fit : x

explanation : Blog post arguing soda taxes are a strong public-health policy but politically hard. Good for thinking about "nanny state" arguments and proportionality, yet it's about sugary drinks, not tobacco, so only indirectly useful to your exact prompt.

URL 60:
https://www.mccabecentre.org/publications/using-human-rights-law-to-progress-alcohol-control.html

session fit : x

explanation : Article on using human-rights law to advance alcohol control. Again, strong analogy (health vs rights, regulation of a harmful product), but domain is alcohol, so it's more background inspiration than a direct citation for a smoking-ban essay.