

Task 1

Design an HTML table titled "Global Research Conference Schedule" that displays a list of international research conferences happening across different continents.

The table should include **continent, country, city, conference title, session timings (morning, afternoon, evening), and the day** of the event.

Use **rowspan** to merge repeated continent, country, or city names, and use **colspan** when a session spans multiple time slots. End the table with a full-width row saying "End of Global Conference Matrix".

Sample Output :

Continent	Country	City	Conference Title	Sessions			Day
				Morning	Afternoon	Evening	
Asia	India	Hyderabad	AI Innovations	Machine Learning	Deep Learning	Computer Vision	Day 1
			Data Science Meet	Full Day Workshop			Day 2
		Bangalore	Cloud Computing	Deployment	Monitoring	Scaling	Day 3
			Security Summit	Network + Cyber Security		Panel Talk	Day 4
	Japan	Tokyo	Quantum Computing	Keynote + Demos			Day 5
			IoT Conference	Sensors	Protocols	Applications	Day 6
Europe	Germany	Berlin	Green Tech	Solar	Wind	Grid	Day 7
			Automation Forum	Factory to Robotics			Day 8
	France	Paris	Health Tech	Diagnostics	Telemedicine	AI in Healthcare	Day 9
			Neuroscience	Brain Mapping + ML		Discussion	Day 10
End of Global Conference Matrix							

Task 2





Design an HTML table titled "University Academic Program Matrix" that displays a detailed overview of academic programs offered by various universities across multiple continents.

The table should include the following columns : **Continent , Country , University (along with its logo using the tag) , Department , Program ,Shift Timings (Morning,**

Afternoon, Evening) and Degree.

Use **rowspan** to merge repeated Continent, Country, University, and Department names, and use **colspan** to merge Shift Timings cells when a program spans multiple sessions.

Sample Output :

Continent	Country	University	Department	Program	Shift Timings			Degree
					Morning	Afternoon	Evening	
Asia	India	 IIT Bombay	Computer Science	B.Tech	Yes	Yes	No	UG
				M.Tech	Full Day			PG
			Electrical	PhD	Yes	Yes	Yes	Doctorate
		 IISc Bangalore	Physics	B.Sc	Yes	No	Yes	UG
				M.Sc	Afternoon + Evening		PG	
			Math	PhD	Yes	Yes	Yes	Doctorate
Europe	UK	 Oxford University	Law	LLB	Yes	Yes	No	UG
				LLM	Full Day			PG
			Philosophy	D.Phil	Yes	Yes	Yes	Doctorate
North America	USA	 MIT	Engineering	B.Eng	Yes	Yes	No	UG
				M.Eng	Full Day			PG
			Robotics	PhD	Yes	Yes	Yes	Doctorate
End of University Academic Program Matrix								

Task 3


Create a complete Signup Page using only HTML. The form must send data to the /signup endpoint using the POST method when submitted. It should include fields for Full Name, Email, Username, Password, Confirm Password, Date of Birth, Gender (with radio buttons), and Country (with a dropdown). Include a checkbox for agreeing to the Terms and Conditions and a Submit button to complete the signup. Use appropriate

HTML5 input types for each field and ensure all fields are clearly structured.

Sample Output :

Signup Form

Full Name:

 Please fill out this field.


Email Address:

Username:

Password:

Confirm Password:

Date of Birth:

Gender:

- ☐ Male
☐ Female
☐ Other

Country:

☐ I agree to the Terms and Conditions