Advanced Database Management System
Course Project

Phase I: <u>Data Extraction from the Board of Intermediate & Secondary Education in Pakistan</u>

There are about 32 educational boards in Pakistan. One in Islamabad, 09 boards in Punjab, 06 boards in Sindh, 08 boards in Khyber Pakhtoonkhwa, 03 boards in Baluchistan, and one in Azad Jammu and Kashmir. https://en.wikipedia.org/wiki/List_of_education_boards_in_Pakistan

<u>Data Scrapping</u>:

Extract HSSC Part I result of 1st annual 2022 and 2nd annual 2022 (Supply). Also, extract the data of HSSC Part II result of 1st annual 2023 (If and when available online).

You can use any tool to extract detailed data up to the granularity of individual subjects' marks and grades and any other information available online that may increase the richness of attributes.

<u>Team Size</u>:

Each student group can comprise at most three (03) students. No further discussion on group size.

<u>Output</u>:

Structured data in some suitable format like Excel, Access, SQL, etc.

<u>Note</u>:

Students will be evaluated for individual contributions. No group marks. No reward for free riders. Send the board name along with your group members' details to fahad.maqbool@uos.edu.pk

You will get a response within 24 hours to start working on the board or choose another board (if already chosen by someone else).

<u>Deadline</u>:

October 2, 2023 (05:00 PM) through GitHub. Submission instructions will be shared in the class.

<u>Hint</u>:

This is the most time-consuming phase of the project. Work **smart** and **hard** to complete the task. Start Immediately!

Group Details (Regular)

Sr.	BISE	Team	
1	Sargodha	BSCS51F20R012	Minahil Zafar
		BSCS51F20R014	Iram Tariq
2	Federal		Mohammad Qasim
			Hamad Khan
			Hamza Akbar
3	Bannu	BSCS51F20R027	Zeeshan Ali
		BSCS51F20R032	Muhammad Naveed Arif
		BSCS51F20R001	Muhmmad Asadullah
4	Lahore	BSCS51F20R005	Mehak
		BSCS51F20R004	Mamoona
		BSCS51F20R028	Zeeshan Haider
5	Sahiwal	BSCS51F20R002	Muzzamil Rani
		BSCS51F20R010	Nimra Allah Yar
6	Faisalabad		Areen Tariq
			Amna Tariq
			Alishba Jabeen
7	Karachi		Hamza Zubair
			Zohaib Iqbal
			Ajmal Karim
8	Agha Khan	BSCS51F20R011	Umaima
		BSCS51F20R044	Gul la lae
		BSCS51F20R050	Hajra Anwar
9	Bahawalpur		Najaf Mishal
			Tehmina Abbas
10	Multan	BSCS51F20R039	Najaf Ali Akbar
		BSCS51F20R033	Laiba Zahid
		BSCS51F20R042	Usairam Saleem
11	Gujranwala		Maryum Munir
			Tayyaba Abdul hameed
			Zeeshan Iqbal
12	Peshawar		Farah batool
			Madiha
13	Rawalpindi		Mahnoor Fatima
			Rabia Iftikhar
			Saad Hussain
14	Swat	BSCS51F20R054	Jan Sher Khan
		BSCS51F20R055	Khaliq Dad

Group Details (Self)

Sr.	BISE	Team	
1	Sukkar	BSCS51F20S031	Saiqa Batool
		BSCS51F20S009	Aqsa Jahangir
		BSCS51F19S034	Sehrish Khan
2	Kohat	BSCS51F20S033	Waleed Nasrullah
		BSCS51F20S021	Abdul Rehman

		BSCS51F20S020	Abdul Hannan
3	DG Khan	BSCS51F20R037	Muhammad Asim
		BSCS51F20S048	Abdullah Nasrullah
		BSCS51F20R009	Ayesha Rehman