COS20015 Fundamentals of Data Management

Workshop 1 & 2 completed tasks

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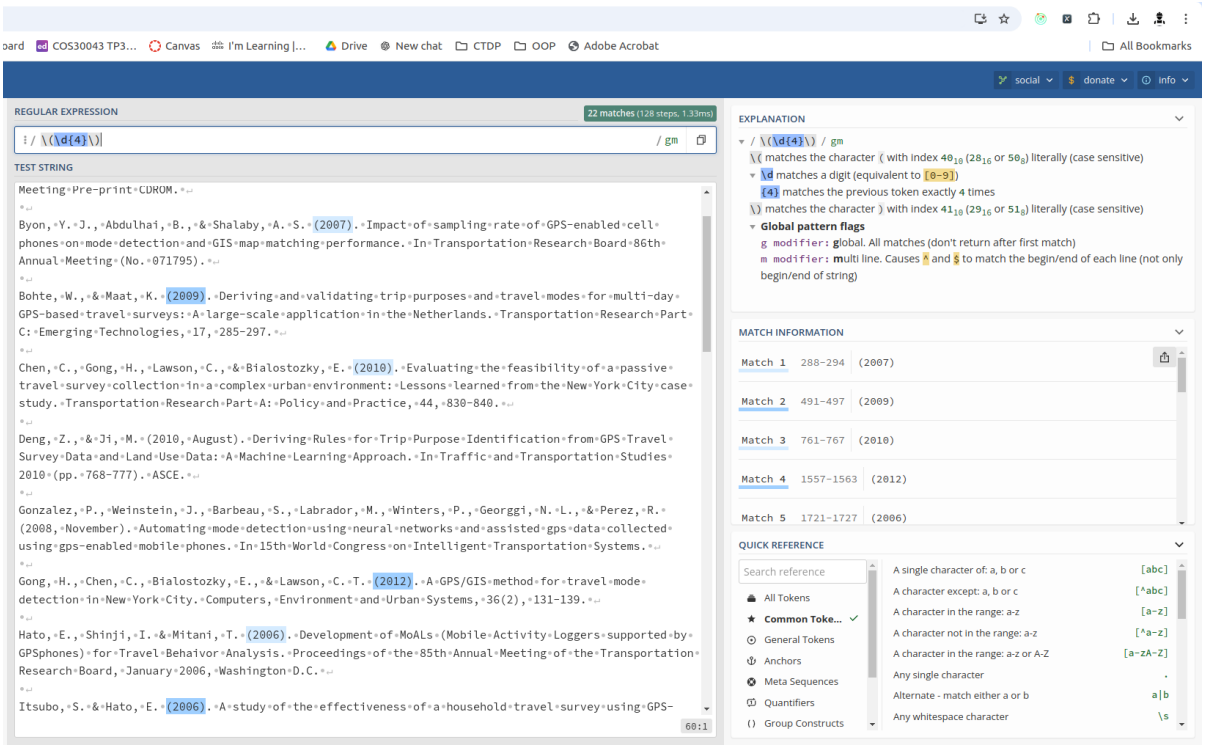
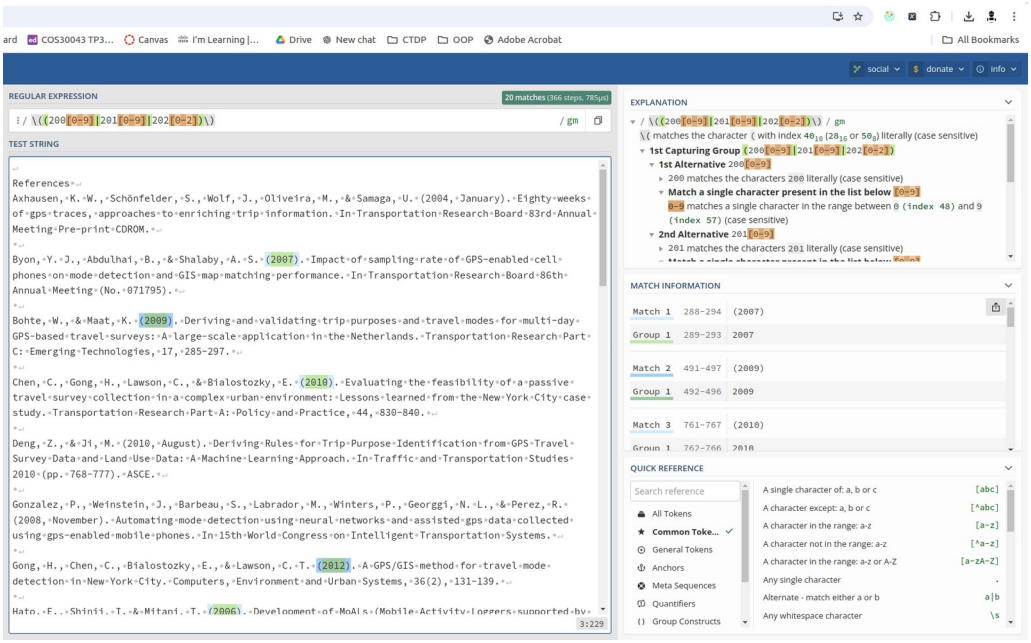
Workshop 1

Part 1:



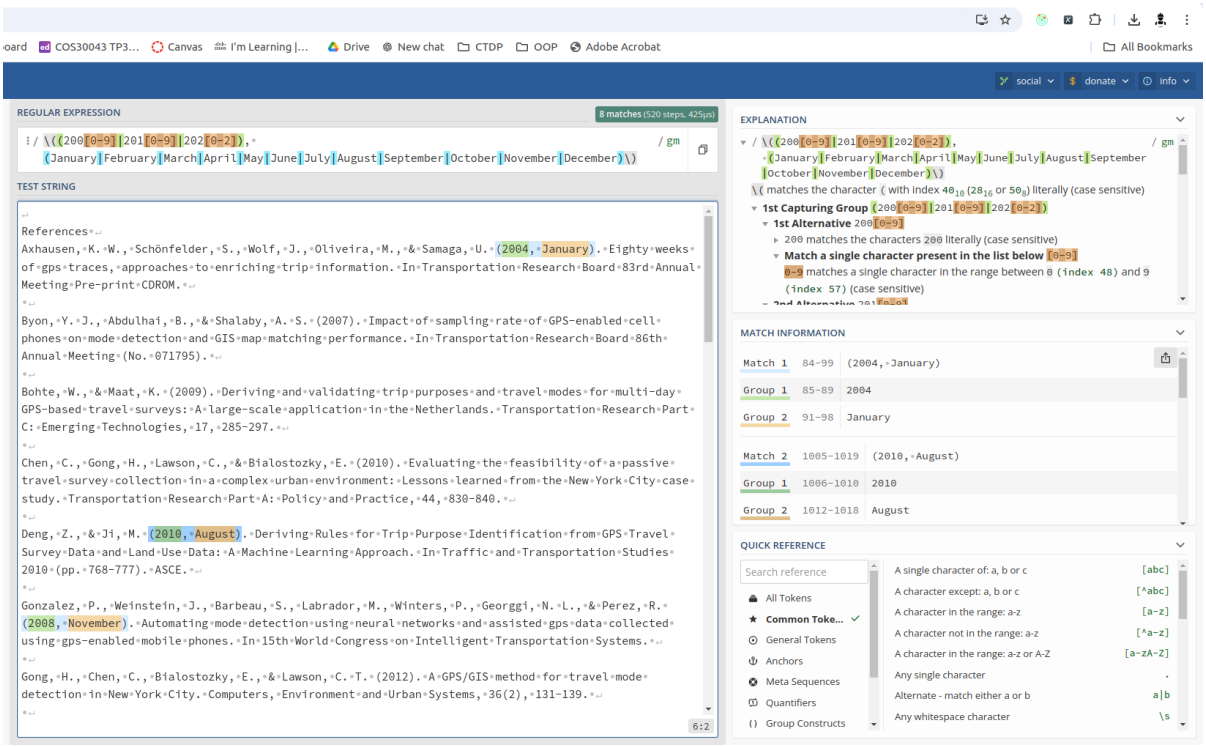
Solution:
\(\d{4}\)

Part 2:



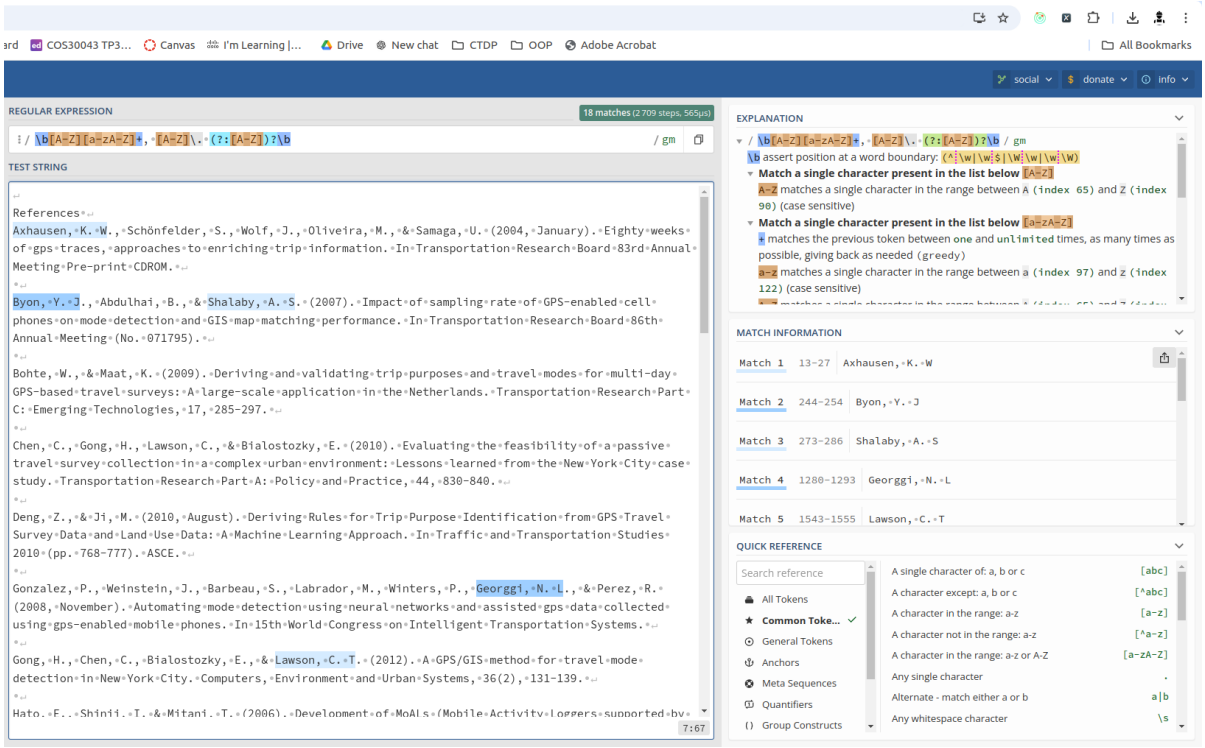
Solution: \((200[0-9]|201[0-9]|202[0-2])\)

Part 3:



Solution: \((200[0-9]|201[0-9]|202[0-2]), (January|February|March|April|May|June|July|August|September|October|November|December)\)

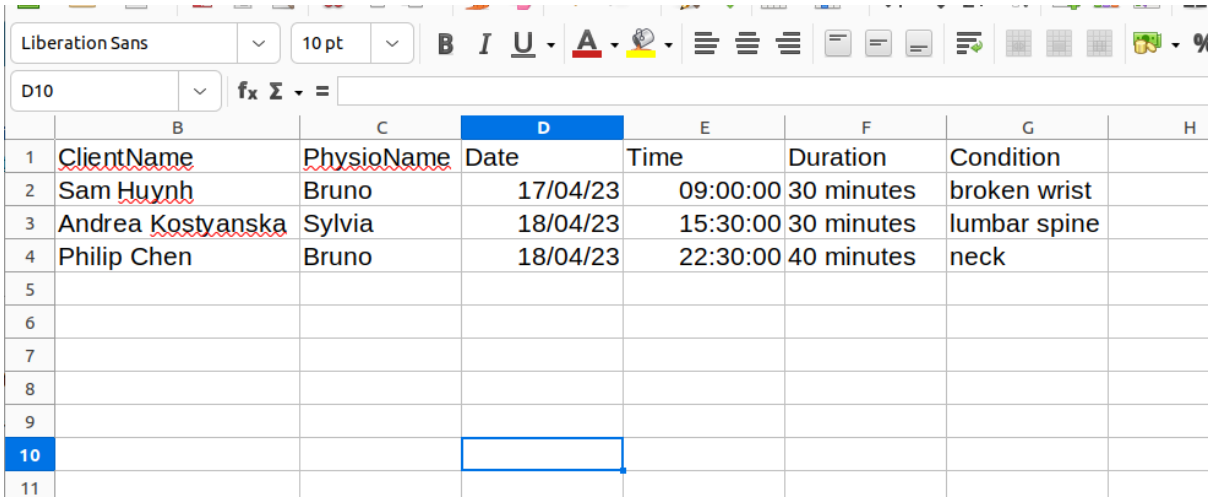
Part 4:



Solution: \b[A-Z][a-zA-Z]+, [A-Z]\. (?:[A-Z])?\b

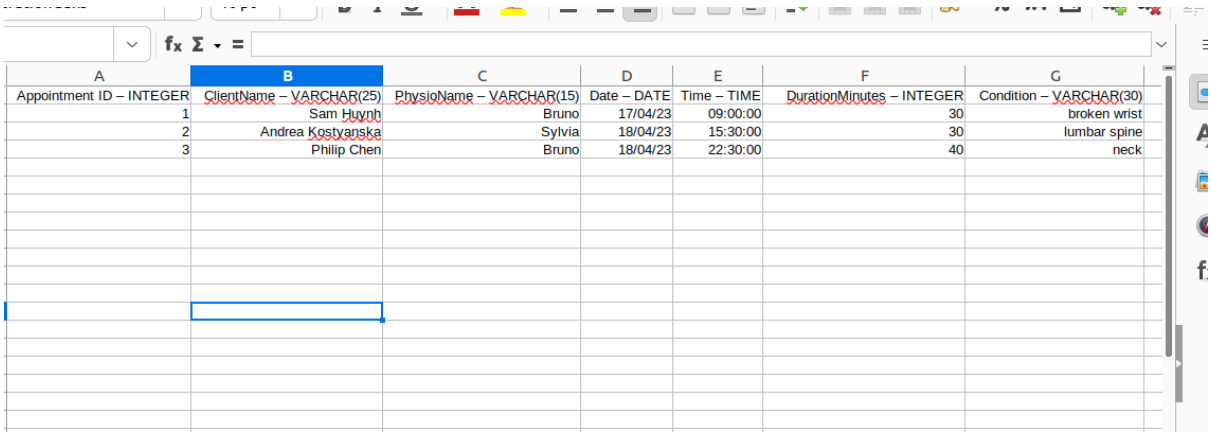
Workshop 2

Part 1:



	B	C	D	E	F	G	H
1	ClientName	PhysioName	Date	Time	Duration	Condition	
2	Sam Huynh	Bruno	17/04/23	09:00:00	30 minutes	broken wrist	
3	Andrea Kostyanska	Sylvia	18/04/23	15:30:00	30 minutes	lumbar spine	
4	Philip Chen	Bruno	18/04/23	22:30:00	40 minutes	neck	
5							
6							
7							
8							
9							
10							
11							

Part 2:



	A	B	C	D	E	F	G
1	Appointment ID – INTEGER	ClientName – VARCHAR(25)	PhysioName – VARCHAR(15)	Date – DATE	Time – TIME	DurationMinutes – INTEGER	Condition – VARCHAR(30)
2	1	Sam Huynh	Bruno	17/04/23	09:00:00	30	broken wrist
3	2	Andrea Kostyanska	Sylvia	18/04/23	15:30:00	30	lumbar spine
4	3	Philip Chen	Bruno	18/04/23	22:30:00	40	neck

Part 3:

	A	B	C	D	E	F	G
1	Appointment ID – INTEGER, PRIMARY KEY	ClientName – VARCHAR(25)	PhysioName – VARCHAR(15)	Date – DATE	Time – TIME	DurationMinutes – INTEGER	Condition – VARCHAR(30)
2	1	Sam Huynh	Bruno	17/04/23	09:00:00	30	broken wrist
3	2	Andrea Kostyanska	Sylvia	18/04/23	15:30:00	30	lumbar spine
4	3	Philip Chen	Bruno	18/04/23	22:30:00	40	neck
5							
6							
7	We have to use AppointmentID as the primary key for this table because it ensures that each appointment is uniquely identifiable. However, if AppointmentID is not available, we can use a composite key made up of ClientName, Date, and Time.						
8							