Assignment 1

Name: Md. Shihab Tawsif Shown
ID: 2211939042
Section: 4
Faculty: SfR1

Submission Date: 5th November 2022

Answer to the question no 'a':

Course	Section	Time	Teacher
CSE115	1	8-9:30	SAR
CSE115	2	1-2:30	Msk1
CSE115	3	2:40-4:10	AuR
CSE215	1	2:40-4:10	HSM
CSE215	2	8-9:30	MaY
CSE215	3	2:40-4:10	SAR
CSE225	1	11:20-12:50	AuR
CSE225	2	9:40-11:10	TAA
CSE225	3	4:20-5:50	Msk1

Student Name	Student ID
Shihab	20145047
Shown	21249112
Siam	21379041
Bishal	22139043
Shuvo	22149042

Teacher ID	Course	Section	Time
SAR	CSE115 CSE215	1 3	8-9:30 2:40-4:10
Msk1	CSE115 CSE225	2 3	1-2:2:30 4:20-5:50
AuR	CSE115 CSE225	3 1	2:40-4:10 11:20-12:50
HSM	CSE215	1	2:40-4:10

| MaY | CSE215 | 2 | 8-9:30 |
| TAA | CSE225 | 2 | 9:40-11:10 |

Answer to the question no 'b':

Yes, this program could be written differently and efficiently as well if OOP concepts were to be introduced earlier to me. Some different classes could be created to make things easier. I would create a **Student** class to store different data for student and create an object for each student in the main class. Similarly, I could create an another class for **Teacher** and access data of each teacher by creating an object for that teacher.