1.1:
NewTable[A(uint), Q(char), R(uint), A(uint), B(char), C(uint)]

Α	Q	R	Α	В	С
20	Α	5	20	В	6
20	Α	5	20	В	5

1.2: NewTable[A(uint), Q(char), R(uint), A(uint), B(char), C(uint)]

A	Q	R	Α	В	С
25	В	8	20	В	6
25	В	8	20	В	5

1.3: NewTable[A(uint), Q(char), R(uint), B(char), C(uint)]

Α	Q	R	В	С
20	а	5	В	6
20	Α	5	В	5

1.4:
NewTable[A(uint), Q(char), R(uint), B(char), C(uint)]

Α	Q	R	В	С
20	Α	5	В	5

2.1:
$$\pi_{\text{Name}}(\sigma_{\text{Elo} \ge 2500} \text{ (Players)})$$

2.2:
$$\pi_{\text{Name}}(\sigma_{\text{wpID} = \text{pID}}(\text{Players x Games}))$$

2.3:
$$\sigma_{\text{Result = '1-0'}}$$
 (Games)
 $\pi_{\text{Name}}(\sigma_{\text{wpID = pID}})$ (Players x Games))

2.4:
$$\sigma_{\text{eID}=2 \vee \text{eID}=3}$$
 (Games)
 $\pi_{\text{Name}}(\sigma_{\text{wpID}=\text{pID}})$ (Players x Games))
 $\pi_{\text{Name}}(\sigma_{\text{bpID}=\text{pID}})$ (Players x Games))

2.5:
$$\pi_{\text{Name}}$$
 ($\sigma_{\text{(wpID = 1 } \land \text{Result = '0-1'})} \lor \text{(bpID = 1 } \land \text{Result = '1-0'})$ (Events x Players x Games)

2.6
$$\sigma_{\text{wpid}=1 \vee \text{bpid}=1}$$
 (Players x Games)
 π_{Name} (σ_{Name} != 'Magnus Calrsen')

3.1 a:

NonCGrades[Name(varchar)]

Name
Hermione
Hermione
Hermione
Harry
Harry
Ron

b: Project the names of the students who did not receive a "C" in any course they were enrolled in.

3.2 a:

SameDOB[Name(varchar)]

Name	
Hermione	•

b: Project the name of the student with the same DOB as Ron

3.3 a:

CourseNames[Name(varchar)]

Name
SW Practice
Architecture
Databases
Architecture
Databases
SW Practice
Architecture
SW Practice

b: Project the names of the courses the students are enrolled in

Part 4:

 π $_{\text{Name}}$ (σ $_{\text{cID}\,\geq\,3000}$ \vee $_{\text{cID}\,\leq\,4000}$ (π $_{\text{cID, sID}}$ (Enrolled)/ π $_{\text{sID}}$ (Students)))