Homework 02

#1.

a) Select year
From Movie
Where Title = "Jurassic Park"

b) Select P.FirseName, P.LastName
From Person P, Act A, Movie M
Where Title = "Jurassic Park" AND M.ID =
A.ID AND A.ID = P.ID

c) Select Title
From Movie
where Director = "Steven Spiellberg"

d) Select Count (*)
From Person P, Act A
where A.ActorID = P.ID
Group by A.ActorID

#2

a) return movie title
minimum = 0 because at that year possibly no movie release and maximum is 150
1 column

b) return person's full name (First Name, Last Name)
2 columns
minimun = 1 maximun = 200

c) return Person's full name (First, Last Name)
2 Columns
Minimum = 0 and Maximum = 150

d) return Person's full name (First, Last Name)
2 Columns
Minimum = 0 and Maximum = 200

#3

a) and b) both are **No change** because both are about width so it won't be changed both's frequency also never change.

c) This width might change, it is very depend on factors but equal frequency never changed.

#4

a) Approach 2 : 170
Approach 3 : 170.5

b) Approach 1 : 170
so Approach 2 is same

c) I believe Approach 3 is better approach because numberaly, approach 3 is giving better value and ideally Men and women should be different weight because usually men are taller than women so they heavier than women. So It need to calculate and asume to men part and women part

d) Approach 1 will be fine when data size is small so for example this homework, on the homework #4 is one of example for small size data set. It was small size data set so any approach value was not big different. But If it is big data size. Approach 1 won't be work.