

Student Name: _____ Student I.D. _____

Mohammad Ali Jinnah University

Introduction to Computer Sciences (Lab) **Mid Term Examination Fall 2017** **Morning**

Instructor Name: Usama Ejaz / Kanwal Iqbal
Date: 2nd Nov '17

Total Marks: 20
Time: 60 minutes

Submission Instructions:

You have to submit both files on Google classroom as follows:

- Create a folder of your registration number
- Copy paste both (.xlsx and .html) files in the folder you just created.
- Right click on the folder and goto:
 - Sent to → compressed zip
- This will create a .zip file
- Submit this .zip file on Google classroom only!

Excel (12):

You have to save the employee salary record for your company. You want it to be displayed in a HTML page so you can see your employees in any Browser.

You have finally come to a conclusion that you will need some calculation so that you can calculate your Balance readily.

First, you have to design an Excel sheet like following:

EMPLOYEE SALARY RECORD									
Employee Name	Pay Rate	Total Hours	Salary	Overtime Pay Rate	Overtime Total Hours	Overtime total	Gross Pay	Income Tax	Net Pay
ARHAM	18.5	48	888	0	0	0	888	88.8	799.2
DAWOOD	17.5	40	700	0	0	0	700	70	630
AZAN	10	48	480	5	3	15	495	49.5	445.5
HUNAIN	9	90	810	2	5	110	920	92	828
HASSAN	8	12	96	3	5	115	211	21.1	189.9
YAMNA	110	111	12210	0	0	0	12210	1221	10989
HAMZA	11	50	550	9	4	36	586	58.6	527.4
ALIYAN	70	140	9800	6	12	172	9972	997.2	8974.8
AIZA	12	44	528	2	8	116	644	64.4	579.6

Here in:

Employee Name: You will enter the employee name. (Could be any name)

Pay Rate: you will type the pay rate of employee (in numbers)

Total hours: total hours, an employee worked in normal days

Salary: It is the product of pay rate and total hours

$$\text{Pay rate} * \text{total hours}$$

Overtime pay rate: Pay rate for overtime of an employee (in numbers)

Overtime total hours: Total hours, an employee worked in overtime

Overtime total: It is the product of overtime pay rate and overtime total hours but if overtime total hours are greater than or equal to 5, 100 are added in the final amount:

If overtime total hours are equal or greater than 5

$$(\text{Overtime pay rate} * \text{overtime total hours}) + 100$$

Else

$$\text{Overtime pay rate} * \text{overtime total hours}$$

Gross pay: The sum of salary and overtime total

$$\text{Salary} + \text{overtime total}$$

Income Tax: It is the 10% of gross pay

$$(10/100) * \text{Gross pay}$$

Net Pay: Final salary to be paid, the difference of Gross pay and income tax

$$\text{Gross pay} - \text{income tax}$$

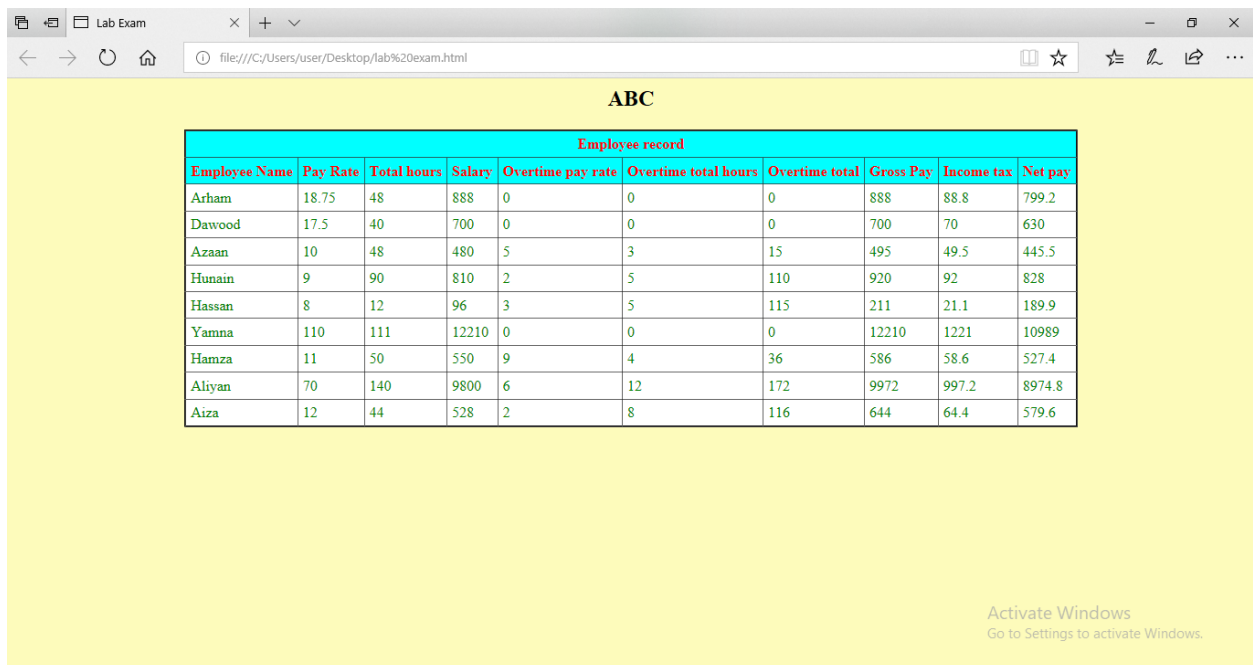
HTML (8):

Now you have completed your excel file. You will design your html file as follows:

Notes for HTML:

- You can use different colors for your styling.
- You can use any type of styling: inline, internal or external.
- Try to use standard coding practices.
- Keep notes of padding and alignment!
- Write your name instead of **ABC**.
- The **title** of the web-page should be “Lab exam”
- There should be your name and id in the html document (written as comments!)
- More creativity will result in better grading 😊

Design the same table you calculated in Excel as follows:



ABC

Employee record									
Employee Name	Pay Rate	Total hours	Salary	Overtime pay rate	Overtime total hours	Overtime total	Gross Pay	Income tax	Net pay
Arham	18.75	48	888	0	0	0	888	88.8	799.2
Dawood	17.5	40	700	0	0	0	700	70	630
Azaan	10	48	480	5	3	15	495	49.5	445.5
Hunain	9	90	810	2	5	110	920	92	828
Hassan	8	12	96	3	5	115	211	21.1	189.9
Yamna	110	111	12210	0	0	0	12210	1221	10989
Hamza	11	50	550	9	4	36	586	58.6	527.4
Aliyan	70	140	9800	6	12	172	9972	997.2	8974.8
Aiza	12	44	528	2	8	116	644	64.4	579.6

Activate Windows
Go to Settings to activate Windows.