

## **Tax Calculator Problem Statement for a given Employee.**

Design and Develop an Web Application to read the income data fields / values from User and Calculate the total income tax as per the below requirements:

### **Page1: Login Page:**

1.Authentication of the User – Login page

Apply CSS for better view and look and feel

### **Page2:Home Page**

2. Home page – Brief details on Incometax calculation and Types of Savings , exections for income tax and Taxable components

Apply CSS for better view and look and feel

### **Page3:Data Input Page**

#### **2.Reading the Salary and Savings/expenses Information**

Id, Name,Gross Salary, Basic Salary,Life insurance amount, Home loan interest(Max 2 lks) Lakh),Home loan Principle,PF, NPS Amount (80CCD) ,HRA amount,Health insurance premium(80D), Donations if any.Location, city type(Metro or Non Metro),Address, Pan Card, Mobile Number

Maintain a text field for each of the component mentioned above

3.Based on the above inputs, calculate PF(12% of Basic, HRA Exemptions(40% Of Basic for NonMetro 50% forMetro),Total 80C deductions,Total 80d deductions,Home Loan interest if any.

#### **Tax Exemption components:**

After entering the details mentioned in point#2 , the components(under point#3) will be calculated and to be displayed in the respective text boxes(In the same page, maintain separate text boxes for each of the components in point#3 ) in the respective page .

**Can maintain Buttons** as below on the Input data page

- a. **Calculate Exemptions** -> for calculating the taxable exemption components
- b. **Calculate Taxable Income**- For calculating Total taxable income after considering the Tax exemptions ,calculated as mentioned above

**Exemption compontnts calculation and Total taxable income be calculated as mentioned below by taking the data from the respective text boxes mentioned under point#2**

**The final outcome from this page is “ Total taxable income” amount**

#### **4.Calculate the Taxable Income Amount and display in a non editable text box**

GrossPay - (80C Exemptions(Max 2 lakh,incuding NPS) + 80D Exemptions+ Donations if

Any + HRA + Home Loan Interest).

Keep another Button(as highlited below) in the Input Data Page as below-  
**Generate Tax statement** -> Which will redirect to Tax statement Page

#### Income and Saving data input Screen

Gross Sal	<input type="text"/>	Exemptions		
Basic Sal	<input type="text"/>	PF(12% basic) <input type="text"/>	HRA40% basic <input type="text"/>	NPS <input type="text"/>
Insurance Premium	<input type="text"/>	Total 80 C savings <input type="text"/>	80 D Savings <input type="text"/>	80CCD Savings <input type="text"/>
House Ln Principle	<input type="text"/>			
House Ln Interest	<input type="text"/>	Total Exemption amt : <input type="text"/> (80C+80D+80CCD+HRA+HouseLnInterest)		
Health Ins	<input type="text"/>	<a href="#">Calculate Exemptions</a> ↑		
Donations	<input type="text"/>			
NPS	<input type="text"/>	Total Taxable Income : <input type="text"/> (Gross Sal - Total Exemptions)		
	<input type="text"/>	<a href="#">Calculate Taxable income</a>	<a href="#">Generate Tax Statement</a>	

#### Page4:Tax Report Page:

Based on the slabs ,Calculate the Tax on **Taxable income (calculated in previous page )** caluculated as above.

**Note:**Use Current year Income Tax slabs from “INCOMETAX WEBSITE.

Display report with the details like EmpName, EmpId, Location,GrossSalary,Basic Salary, 80C exemptions,80D Exemptions, NPS,HRA,Housing loan Interest amount Taxable Income,Total Tax to be Paid in seperate lines

All the report component fields are non editable as these are in report.

#### Hint:

#### Exemptions Description:

**a.For 80C Exemptions: Max Limit<= 200000**

LifeInsurance premium amt,HomeLoan Principle payment per year,PF,Mutual funds if Any

and Saving schemes

PF=12% of Basic Salary;

All above components together max 150000, to be considered if the total amt is more than 150000

and

NPS amount(max 50000)

Max 80C savings amt 200000, If the actual is more than 200000 else consider the actual

**b.For 80D Exemptions:: No Limit**

Health Insurance Premium(No Limit), Donations(No limit)

**c.Under HRA:**

HRA Amount considered/calculated(40% Basic for NonMetro and 50% for Metro).

**d.Under HomeLoan Interest:**

Home loan Interest amount given from Input(Max 200000).

**Note:**

Exemptions under 80c:Life Insurance,Home Loan Principle,PF,HL Principle,NPS.

Exemptions under 80d:Health Insurance Premium,Donations If Any.

Exemptions under Home Loan Interest : Home loan interest

Exemptions under HRA.