

Python Programming

Day 2 Practice Questions

Lab#1:

Create appropriate variables and follow the standards and assign most relevant values for the variables. Assign none if you are not sure about the values.

- Employee Name
- Date of Joining of Employee
- Wages or the pay of the employee
- Number of hours worked by the employee.
- Leaves taken by an employee.
- Overtime rate of the employee
- Total overtime hours worked by an employee.
- Gross pay paid to the employee.
- Income tax and other deductibles
- Statutory payments made.
- Taxable benefits
- Net pay paid to the employee.

Lab #2:

Create a list of dictionaries to store the employee tables and keep the DEPTID as a list and the Job as Tuple.

TABLE: Employee

empId	name	address	DOB	job	salaryCode	deptId	manager	schemeld
E101	Keita, J.	1 high street	06/03/76	Clerk	S1	D10	E110	S116
E301	Wang, F.	22 railway road	11/04/80	Sales person	S2	D30	E310	S124
E310	Flavel, K.	14 crescent road	25/11/69	Manager	S5	D30		S121
E501	Payne, J.	7 heap street	09/02/72	Analyst	S5	D50		S121
E102	Patel R.	16 glade close	13/07/74	Clerk	S1	D10	E110	S116
E110	Smith, B.	199 London road	22/05/70	Manager	S5	D10		S121

Lab #3:

Create five individual sets and combine them into one master set. Add pension scheme to set 5.

TABLE: SalaryGrade

salaryCode	startSalary	finishSalary
S1	17000	19000
S2	19001	24000
S3	24001	26000
S4	26001	30000
S5	30001	39000

Lab #4:

Create a tuple of lists for the pension scheme.

TABLE: PensionScheme

schemeld	name	rate
S110	AXA	0.5
S121	Premier	0.6
S124	Stakeholder	0.4
S116	Standard	0.4