ASSIGNMENT-3

I. Would a powgram to find the Salary statement for number of employees of an organization

The details are: Employee's No, Employee's name, Designation, Appointment date, Address, Mubile No and Basic Pay

Calculate the following as per gives ander:

Dearners Allowance (DH): 117% of basic pay

House Pert Allowance (HRA): 25% of basic pay

Perovident Fund (PF): 12% of basic pay

Medical Allowance (MA): 10% of basic pay

Net_Pay: Basic Pay + Dearners Allowance + House Rent

Allowance + Medical Allowance

Grosss - Pay: Net_Pay - Provident Fund

All the employees should pay the Income Tax as per gives sules!

Annual Salary (Rs)	Pate of Income Tan (hs)
Annual Salary(Rs) Up to 150000	, 0
150001 to 300000	5% of the amount enceding 150000
300001 to 500000	7% of the amount enceding 300000
300001 to 700000	7% of the amount enceding 500000
300001 to 1000000	9% of the amount enceding 700000
# Above 1000000	10% of the amount enceding 1000000

Date ____

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SALARY SLIP

Name of the Employee
Designation
Appointment Date
Address
Mobile no
Basic Pay
Dearness Allowance
House Pent Allowance
Pororident Fund
Medical Allowance
Net Pay
Grows Pay

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INCOME TAX SLIP

B. J.D.

Teacher's Signature _

	Date
xpt. No.	Page No
Employee Number :	
Name of the Employee :	
Designation :	
Annual Income :	
Annual Income Tan :	
Monthly Income tan :	
- Company of the comp	
ALGORITHM:	
Start:	
Step 1: Accept number o	f employees,
	number, employee rune,
designation, appointm	ent date, address, mobile
number and basic	pay for given number of
employees.	
Step 3: Calculate Dewness &	
	dieal Allowance, Net Pay
Crows Pany according	ig to given formula.
Step 4: Calculate Annual	
and Morthly Treome	tan as per given conteria.
Step 5: Display the sulput with all details.	as per given formal along
Stop.	
PROGRAM CODE:	
ans= by)	
while ans == "y" on ans == 6 /);	
n 2 int (input (Enter number of en	ployees: 2)
for is nange (1,n+1);	
EN = japent (Enter employee nun	nbeg: ?)
	cher's Signature
	Manuscript Control of the Control of

Enter number of employees: 2 Enter employee number: TSC605

Enter employee name: Sagar Agarwal

Enter designation: Chief Marketing Officer

Enter appointment date: 07/03/2007

Enter address: 15/20, Lane no.5, Prem Bazar-721301

Enter mobile number: 8237452307

Enter basic pay: 50000

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SALARY SLIP

Employee Number

Name of the Employee : Sagar Agarwal

Designation Appointment Date : Chief Marketing Officer : 07/03/2007

Address : 15/20, Lane no.5, Prem Bazar-721301

Mobile no : 8237452307 Basic Pay : 50000.0

Dearness Allowance : 58500.0 House Rent Allowance : 12500.0 Provident Fund : 6000.0

Medical Allowance : 5000.0 : 126000.0 Net Pav Gross Pay : 120000.0

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03222-220020

INCOME TAX SLIP

Employee Number : TSC605

Name of the Employee : Sagar Agarwal

Designation : Chief Marketing Officer

Annual Income : 1440000.0
Annual Income Tax : 106500.0
Monthly Income Tax : 8875.0

Assignment = 3 Outleut (1)

Enter employee number: TSC431

Enter employee name: Poonam Sharma

Enter designation: Technology Manager Enter appointment date: 18/11/2012

Enter address: 23/20, Street no.3, Gole Bazaar-721301

Enter mobile number: 7352134690

Enter basic pay: 30000

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SALARY SLIP

Employee Number

Name of the Employee : TSC431 : Poonam Sharma

: Technology Manager Designation

Appointment Date : 18/11/2012

Address : 23/20, Street no.3, Gole Bazaar-721301

Mobile no. : 7352134690 Basic Pay : 30000.0

Dearness Allowance : 35100.0 House Rent Allowance : 7500.0 Provident Fund : 3600.0 Medical Allowance : 3000.0

Net Pay : 75600.0 : 72000.0 Gross Pay

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> > 03222-220020

INCOME TAX SLIP

Employee Number : TSC431

Name of the Employee : Poonam Sharma

Designation : Technology Manager

Annual Income : 864000.0

Annual Income Tax : 50260.0

Monthly Income Tax : 4188.333333333333

Do you want to continue? Press Y/y: no

>>>

Assignment-3 Output (2)

```
N = input ("Enter employee name: ")
De input (" Enter designation: ")
and 2 right (" Enter appointment date: 5)
Az input (" Enter address: ")
Mn = input (" Enter mobile number: ")
BP 2 About (input ("Enter basic pay: "))
 DA = 117/100 * BP # Calculation of Decorners Allowance
 WRAZ 25/100 * BP # Calculation of House Pent Allowance
 PF 2 12/100 * BP # Calculation of Powident Fund
 MA = 10/100 * BP # Calculation of Medical Allowance
 NP = BP+DA+ HRA + MA # Calculation of Net Pay
 GP 2 NP - PF # Calculation of Grows Pay
  AT = GP*12 # Calculation of Annual Income
  if AI <2 150000:
    tem 20
  elif 150001 <= AT <= 300000 :
      ten 2 5/100* (AR-150000)
  elif 300001 (2 AI (2 500000);
     tan = 7/100 * (AI-300000) + 7500
  elif 500001 <2 AI <2 700000:
     tan 2 7/100 * (AI-500000) + 7/14000 + 7500
   elif 700001<2 AT <2 1000000:
    Jan = 9/100* (AI - 700000) + 14000 + 14000 + 7500
   elif KRMAT)= 1000001:
    tan = 10/100* (AI-1000000) + 27000+ 14000+ 14000 + 7500
   mitan = tan/12
   parint (6 ----
                    TSC SOFTWARE SOLUTION LTD.
                       KHARAGIPUR
                            Teacher's Signature
```

parité 03222-220020	3)
print (6	3)
point (SALARY SLIP	5)
perint (1	3)
print (Employee Number " EN)	
point (6 Name of the Employee ", N)	
pount (Designation ;) D)	
(ba (;) start to the first) trived	
parint (Address ;) A)	
pourit (6 Mobile No.	
print (6 Basic Pay	
point (Decorners Allowance ; 3 SA)	
print (House Pent Allovance ; 3 HRH)	
point (Perovident Pund ; 3 PF)	
print (nedial Albource : , MA)	
bruit (" Net Pay " NP)	
paint (Graver Pay : 3 Gr. P))
print ()	1
point (
point (TSC SOFTWARE SOLUTION LTD	٥٠ ؟
print (KHARAGIPUR	2
point (6 03222 - 220020	71
print (6	
point (PNCOME TAX SLIP	3)
parint (
parint (Briplagee Wumber , EN)	
point (Name of the Employee ")	
point (" Designation : 3 D)	
print (Annual Income 1) AI)	400
Teacher's Signature	6,1101

paint ("Annual Income tan ", tan)

paint ("Monthly Inrome tan ", m-tern)

paint ()

ans 2 input ("Do you want to continue? Povess //y:")

VARIABLE DESCRIPTION:

-			
	VARIABLE NAME	DATA TYPE	PURPOSE
	ans	storing	Strong rathe if the
		, 0	user vants to continue
Contract to the Contract of th	n	integer	Storing value of no.
-		7	at employees
-	EN	storing	Storing value of
		7	employee number
	N	string	Storing name of
		7	employee
	D	storing	Storing designation of
			employee
	al	storing	Storing appointment date
			of employee
	A	string	Storing address of
			employee
	Mn	storing	Storing mobile no, of
		7	enployee
	BP	float	storing basic pay of
			enployee
	DA	float	Storing value of Dearness
			Alburance according to given
		, , , , , , , , , , , , , , , , , , , ,	formula
			The state of the s

T 1 / C'

VARIABLE NAME	DATA TYPE	PURPOSE
HRA	float	Storing raine of House Pent
	0.00	Allowance according to given
		Laboration
PF	float	Storing brake of browndent
	, costs	Fund according to given
		formler
MA	float	Storing value of Medical
		Allowage according to
		given parmela
W?	float	storing value of Net
		Pay according to given formules
Grl	float	Storing value of bross tay
	,	according to given formula
AI	float	storing value of Annual
	1	Income annual
lan	float	storing value of ten
		according to grien
		pamiler
m-ten	ploat	Storing monthly income
The series		tan.

```
Program code:-
ans='y'
while ans=='y' or ans=='Y':
 n=int(input('Enter number of employees: '))
 for i in range (1,n+1):
  EN=input('Enter employee number: ')
  N=input('Enter employee name: ')
  D=input('Enter designation: ')
  ad=input('Enter appointment date: ')
  A=input('Enter address: ')
  Mn=input('Enter mobile number: ')
  BP=float(input('Enter basic pay: '))
  DA=117/100*BP #Calculation of Dearness Allowance
  HRA=25/100*BP #Calculation of House Rent Allowance
  PF=12/100*BP #Calculation of Provident Fund
  MA=10/100*BP #Calculation of Medical Allowance
  NP=BP+DA+HRA+MA #Calculation of Net Pay
  GP=NP-PF #Calculation of Gross Pay
  AI=GP*12 #Calculation of Annual Income
  if AI<=150000:
   tax=0
  elif 150000<=AI<=300000:
   tax = 5/100*(AI-150000)
  elif 300001<=AI<=500000:
   tax = 7/100*(AI-300000) + 7500
```

```
elif 500001<=AI<=700000:
tax=7/100*(AI-500000)+14000+7500
elif 700001<=AI<=1000000:
tax=9/100*(AI-700000)+14000+14000+7500
elif AI>=1000001:
tax=10/100*(AI-1000000)+27000+14000+14000+7500
m tax=tax/12
print('-----')
print('
           TSC SOFTWARE SOLUTION LTD.
                                             ')
print('
               KHARAGPUR
                                    ')
print('
                                  ')
              03222-220020
print('-----')
              SALARY SLIP
print('
print('-----')
print('Employee Number :',EN)
print('Name of the Employee :',N)
print('Designation
               :',D)
print('Appointment Date
                      :',ad)
                   :',A)
print('Address
print('Mobile no. :',Mn)
print('Basic Pay :',BP)
print('Dearness Allowance :',DA)
print('House Rent Allowance :',HRA)
print('Provident Fund
                :',PF)
print('Medical Allowance :',MA)
```

```
print('Net Pay
                  :',NP)
print('Gross Pay
                  :',GP)
print()
print('-----')
print('
           TSC SOFTWARE SOLUTION LTD.
                                          ')
print('
              KHARAGPUR
                                  ')
print('
             03222-220020
                                ')
print('-----')
             INCOME TAX SLIP
print('
print('-----')
print('Employee Number :',EN)
print('Name of the Employee :',N)
print('Designation
             :',D)
print('Annual Income :',AI)
print('Annual Income Tax :',tax)
print('Monthly Income Tax :',m_tax)
print()
ans=input('Do you want to continue? Press Y/y: ')
```