

14.SALARY SLIP

Aim:

To write a c program to generate salary slip of employees using structures and pointers.

Algorithm:

Step 1:Start the program

Step 2:Defining the structure emp with members

Step 3:Declare the necessary variables

Step 4:read the details of employee list using pointer variables

Step 5:calculate the gross salary and net salary

Step 6:Display the result

Step 7:Stop

Program coding:

```
#include<stdio.h>
#include<conio.h>
struct emp
{
int emp_id;
char emp_name[20];
long int sal;
float da,ta,hra,lic,pf,ded,gs,ns;
}*e;
void main()
{
clrscr();
printf("\n enter the id:");
scanf("%d",&e->emp_id);
printf("\n enter the name:");
scanf("%s",&e->emp_name);
printf("\n enter the basic salary:");
scanf("%ld",&e->sal);
```

```
e->da=(15*e->sal)/100;
printf("\n DA:%.2f",e->da);
e->hra=(18*e->sal)/100;
printf("\n hra:%.2f",e->hra);
e->ta=(12*e->sal)/100;
printf("\n ta:%.2f",e->ta);
e->pf=(10*e->sal)/100;
printf("\n pf:%.2f",e->pf);
e->gs=e->sal+e->ta+e->da+e->hra;
printf("\n gs:%.2f",e->gs);
e->ns=e->gs-e->pf;
printf("\n the net payable is:%.2f",e->ns);
getch();
}
```

Output:

```
enter the id:1522
enter the name:rockystegasarus
enter the basic salary:100000
DA:15000.00
hra:18000.00
ta:12000.00
pf:10000.00
gs:145000.00
the net payable is:135000.00_
```