## ASS-4

1) Write a shell script to calculate simple interest.

2) Write a shell script to calculate salary from given basic.

Salary = basic + dp + da +hra +ma –pf

basic – to be taken as input

dp - 50 % of basic

da - 35 % of (basic + dp)

hra - 8 % of (basic + dp)

ma - 3 % of (basic + dp)

pf - 10% of (basic + dp)

3) Write a shell script to calculate the average of a 3 number.

GNU nano 2.3.1 File: average.c

#include<stdio.h>

#include<stdlib.h>

#include<sys/types.h>

#include<unistd.h>

int main()

{

int average,a,b,c;

printf("Clculating the average of only three number :\n");

printf("Enter the one number :\n");

scanf("%d",&a);

printf("\n frist number :%d\n",a);

printf("\n Enter the seconnd number \n:");

scanf("%d",&b);

printf("\n second number :%d\n",b);

printf("Enter the third number :\n");

printf("Average of given three numbers :\n");

average=(a+b+c)/3;

printf("\n Average of three number of user is :%d\n",average);

return 0;

}

OUTPUT :

[user1@localhost ~]$ nano average.c

[user1@localhost ~]$ gcc average.c

[user1@localhost ~]$ ./a.out

Clculating the average of only three number :

Enter the one number :

450

frist number :450

Enter the seconnd number

:350

second number :350

Enter the third number :

250

third number :250

Average of given three numbers :

Average of three number of user is :350

[user1@localhost ~]$

4). Write a shell script to create a command line calculator.

e.g. input : mycal 5 + 5 Result : 10 , input : mycal 5 / 5 result : 1

5) Write a shell script to accept 2 numbers and display which number is greater

6) Create a script to

Create user , Delete user , Create group , delete Group using case