Lab 1 pgm

```
#include <stdio.h>
float sumaves(int, int);
void printeven(int, int);
void main()
{
  int n1, n2, n3, a, b;
  float avg;
  printf("Enter three No: \n");
  scanf("%d %d %d", &n1, &n2, &n3);
  if (n1<n2 && n1<n3)
    {
      a=n2; b=n3;
    }
  else if (n2<n3 && n2<n1)
    {
      a=n1; b=n3;
    }
  else
    {
      a=n1; b=n2;
    }
  if (a<=b)
  {
    n1=a; n2=b;
  printf("%d %d \n", n1, n2);
  }
    else {
      n1=b; n2=a;
    printf("%d %d \n", n1, n2);
    }
```

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```
printf(" greater among the two is %f", n1);
else
printf(" greater among the two is %f", n2);
break;
case 6:
if (n1<n2)
printf (" smaller among the two is %f", n1);
else
printf (" Smaller among the two is %f", n2);
break;
case 7;
if (n1==n2)
printf (" both Integers are equal");
break;
case 8:
if (n1 != n2)
printf (" both the Integers are not equal");
break;
case 9:
printf ("Squares of 1st no %f & 2nd is %f", n1*n1,
n2*n2);
break;
case 10:
printf (" average is %f", (n1+n2)/2);
break;
}
}
```

Lab-1 programs (2)

```
#include<stdio.h>
#include<math.h>
void main()
{
 int opt;
 float n1, n2;
 printf("enter the first number:");
 scanf("%f", &n1);
 printf("enter the second number:");
 scanf("%f", &n2);
 printf("enter your option:");
 printf("1.addition \n 2. subtraction \n 3. multiplication \n
4.division \n 5. greater than \n 6. Smaller than 7. equal \n
 scanf("%d", &opt);          8. not equal \n 9. square
 Switch (opt)                \n 10. average);
 {
  case 1:
printf("Addition is %f", n1+n2);
 break;
 Case 2:
printf("Subtraction is %f", n1-n2);
 break;
 Case 3:
printf("Multiplication is %f", n1*n2);
 break;
 Case 4:
printf("division is %f", n1/n2);
 break;
 case 5:
 if (n1 > n2)
```

```
avg = sumaver (n1, n2);
    }
```

```
printf (" Avg of %d, %d is = %d \n", a, b,
                                    avg );
    printeven (n1, n2);
}
    float sumaver (int a, int b)
        {
        int sum = a + b;
    float avg = sum / 2;
    printf (" sum of %d + %d = %d \n", a, b, sum);
        return avg;
    }
        void printeven (int a, int b)
    {
        int i = 0;
    printf (" even No in b/w %d, %d : \n ", a, b);
        for (i = a; i <= b; i++)
            if (i % 2 == 0)
            printf (" %d \n", i );
        }
    }
```