**Practical 3**

1.

#include <stdio.h>

int main()

{

    int n1,n2;

    printf("Enter First Number ");

    scanf("%d",&n1);

    printf("Enter Second Number ");

    scanf("%d",&n2);

    if(n1>n2)

      printf("The highest number is %d\n", n1);

    else

        printf("The highest number is %d\n", n2);

}

2.

#include <stdio.h>

int main()

{

    int n1,n2,n3,max,min;

    printf("Enter Three Numbers ");

    scanf("%d %d %d", &n1,&n2,&n3);

    max=n1;

    min=n1;

    if(n2>max)

     {

         max=n2;

     }

        if(n3>max)

        {

            max=n3;

        }

    if(n2<min)

    {

        min=n2;

    }

        if(n3<min)

        {

            min=n3;

        }

    printf("The largest value is %d\n",max);

    printf("The smallest value is %d\n",min);

}

3.

#include <stdio.h>

int main()

{

    char empname[20];

    float bs,ns,inc;

    printf("Enter Employee Name ");

    scanf("%s",&empname);

    printf("Enter Basic Salary ");

    scanf("%f",&bs);

    if(bs<5000){

     inc=bs\*0.05;}

     else if(bs<=10000){

      inc=bs\*0.1;}

        else{

            inc=ns\*0.15;}

    ns = bs + inc;

    printf("Employee name is %s\n",empname);

    printf("The new salary is %.2f\n",ns);

}

4.

#include <stdio.h>

int main()

{

    float r,pi=3.14159;

    printf("Enter radius of a circle ");

    scanf("%f",&r);

    printf("Circle's diameter is %f\n",2\*r);

    printf("Circle's circumference is %f\n",2\*pi\*r);

    printf("Circles's area is %f\n",pi\*r\*r);

}

5.

#include <stdio.h>

int main()

{

    int n1,n2;

    printf("Enter First Number ");

    scanf("%d",&n1);

    printf("Enter Second Number ");

    scanf("%d",&n2);

    if(n1%n2==0)

        printf("%d is a multiple of %d\n",n1,n2);

    else

        printf("%d is not a multiple of %d\n",n1,n2);

}

7.

#include <stdio.h>

int main()

{

    float bs,ser,allo1,allo2,monsales,bonus,gmr;

    char wplace;

    printf("Enter basic salary ");

    scanf("%f",&bs);

    printf("Enter service years ");

    scanf("%f",&ser);

    printf("Working place ");

    scanf("%c",&wplace);

    printf("Monthly sales ");

    scanf("%f",&monsales);

    if(ser>5){

        allo1=bs\*0.1;}

    if(wplace=C){

        allo2=2500;}

    if(monsales<25000){

        bonus=bs\*0.1;}

      else if(monsales<50000){

        bonus=bs\*0.12}

        else{

        bonus=bs\*0.15}

     gmr=allo1+allo2+bonus;

     printf("Gross monthly remuneration is %.2f\n",gmr);

}