**Practical-03**

1. int main()

{

int no1,no2;

printf("Enter a number ");

scanf("%d",&no1);

printf("Enter another number ");

scanf("%d",&no2);

if(no1>no2)

printf("%d is the highest number \n",no1);

else

printf("%d is the highest number \n",no2);

}

1. #include<stdio.h>

int main()

{

int no1no2,no3,largest,smallest;

printf("Enter three numbers ");

scanf("%d %d %d",&no1,&no2,&no3);

largest=no1;

if(no2>largest)

largest=no2;

if(no3>largest)

largest=no3;

smallest= no1;

if(no2<smallest)

smallest=no2;

if(no3<smallest)

smallest=no3;

printf("The largest number is %d", largest);

printf("The smallest number is %d", smallest);

}

int main()

{

char name[30];

float bsalary,newsalary,increment;

printf("Enter employee name ");

scanf("%s",&name);

printf("Enter basic salary ");

scanf("%f",&bsalary);

if (bsalary<5000)

increment=0.05\*bsalary;

else if (bsalary>=5000 && bsalary<10000)

increment=0.10\*bsalary;

else

increment=0.15\*bsalary;

newsalary=bsalary+increment;

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

printf("Your salary is %f ",newsalary);

}

1. #include<stdio.h>

#include<math.h>

#define PI 483.14159

int main()

{

float r,d,c,a;

printf("Enter the radius of the circle ");

scanf("%f",&r);

d=2\*r;

c=2\*PI\*r;

a=PI\*r\*r;

printf("The diameter of the circle is %.2f\n",d);

printf("The circumference of the circle is %.2f\n",c);

printf("The area of the circle is %.2f\n",a);

}



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 multiplier of %d",n1,n2);

else

printf("%d is not a multiplier of %d",n1,n2);

1. int main()

{

printf("Integer equivalents of uppercase letters:\n");

printf("A: %d\n", 'A');

printf("B: %d\n", 'B');

printf("C: %d\n", 'C');

printf("Integer equivalents of lowercase letters:\n");

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

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

printf("c: %d\n", 'c');

printf("Integer equivalents of numbers:\n");

printf("0: %d\n", '0');

printf("1: %d\n", '1');

printf("2: %d\n", '2');

printf("Integer equivalents of symbols:\n");

printf("$: %d\n", '$');

printf("\*: %d\n", '\*');

printf("+: %d\n", '+');

printf("/: %d\n", '/');

printf("Blank character: %d\n", ' ');

}

1. {

int year;

char city;

float bsalary, msales, yallowance, callowance, bonus, grossremuneration;

printf("Enter the salesman's service years ");

scanf("%d",&year);

printf("Enter the salesman's city ");

scanf("%s",&city);

printf("Enter the salesman's basic salary ");

scanf("%f",&bsalary);

printf("Enter the salesman's monthly sales ");

scanf("%f",&msales);

if (year>5)

yallowance=bsalary\*0.10;

if (city=='c')

callowance=2500;

if (msales<25000)

bonus=msales\*0.1;

else if (msales>25000 && msales<50000)

bonus=msales\*0.12;

else

bonus=msales\*0.15;

grossremuneration=bsalary+yallowance+callowance+bonus;

printf("Gross monthly remuneration is %.2f",grossremuneration);

}