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Program 1: #include<stdio.h>

void main()

{

int num1,num2,num3;

printf("enter the values of num1: num2:num3 \n");

scanf("%d%d%d",&num1,&num2,&num3);

if(num1>num2&&num1>num3){

printf("num1 is gretest than three\n");

}

else if(num2>num3&&num2>num1)

{

printf("num2 is gretest than three \n ");

}

else if(num3>num1&&num3>num2)

{

printf("num3 is gretest than three \n");

}

}

Program2:

#include<stdio.h>

void main()

{

int num;

printf("enter a number ");

scanf("%d",&num);

if(num%2==0){

printf("number is even");

}else{

printf("number is odd");

}

}

Program3:

#include<stdio.h>

void main()

{

int a;

printf("enter a number:");

scanf("%d",&a);

if(a%7==0){

printf("this is multiple value");

}else{

printf("this is not multiple value");

}

}

Program4: #include<stdio.h>

void main()

{

int a;

printf("enter a number");

scanf("%d",&a);

if(a>0){

printf("the number is positive");

}else if(a<0)

{

printf("number is negative");

}else if(a==0)

{

printf("number is zero");

}

}

Program5: #include<stdio.h>

void main()

{

int amount,res,total;

printf("enter amount:");

scanf("%d",&amount);

if(amount>=5000)

{

res=amount/10;

printf("%d",res);

}else{

res=(amount\*5)/100;

total=amount-res;

printf("%d",total);

}

}

Program6:

#include<stdio.h>

void main()

{

int year;

printf("enter a year to check it is leap or not\n");

scanf("%d",&year);

if(year%4==0)

{

printf(" yes it is a leap year");

}else{

printf("this is not leap year");

}

}

Program7:

#include<stdio.h>

void main()

{

int hi,en,sc,total;

printf("enter subject mark : ");

scanf("%d%d%d",&hi,&en,&sc);

total=(hi+en+sc)/3;

if(total>=33)

{

printf("student is pass");

}

else if(total<33){

printf("student is fail");

}

}

Program8: #include<stdio.h>

void main()

{

int a;

printf("enter a number:");

scanf("%d",&a);

if(a<=10){

printf("value is less than 10");

}else{

printf("value is greater than 10");

}

}

Program9: #include<stdio.h>

void main()

{

char ch;

printf("enter a charector :");

scanf("%c",&ch);

if(ch>='a'&&ch<='z')

{

printf("%c is lowercase",ch);

}

else{

printf("%c alpha is not lowercase",ch);

}

}

Program10:

#include<stdio.h>

void main()

{

char ch;

printf("enter a charector :");

scanf("%c",&ch);

if(ch>='A' && ch<='Z')

{

printf("%c is uppercase",ch);

}

else{

printf("%c alpha is not uppercase",ch);

}

}

Program11:

#include<stdio.h>

void main(){

char ch;

printf("enter a charectere : ");

scanf("%c",&ch);

if(ch>='a'&&ch<='z')

{

printf("given charecter is alphabet");

}else{

printf("given value is not alphabet");

}

}