QUESTION ONE

#include<stdio.h>

int main()

{

int year;

printf("Enter the year \n");

scanf("%d",&year);

if(year%4==0){

if(year%100 == 0) {

if(year%400 == 0)

printf("\n It is LEAP YEAR.");

else

printf("\n It is NOT LEAP YEAR.");

}

else {

printf ("\n It is LEAP YEAR.");

}

}

else

printf("\n It is NOT LEAP YEAR.");

return 0;

}

QUESTION 2

#include<stdio.h>

int main()

{

int a, b, c;

printf("Enter three different numbers: \n");

scanf("%d %d %d", &a, &b, &c);

if ( a>= b && a >= c)

printf("%d is the largest number.", a);

if ( b >= a && b >= c)

printf("%d is the largest number.", b);

else

printf("%d is the largest number.", c);

return 0;

}

QUESTION THREE

#include <stdio.h>

int main()

{

int mat,eng,phy,chm,bio,agr,csc,sum,Ttlmrk;

float pcnt,gpa,avg;

Ttlmrk=700;

printf("Enter scores out of 100 for all subjects.");

printf("\n Enter scores for Maths ");

scanf("%d",&mat);

printf("\n Enter scores for English ");

scanf("%d",&eng);

printf("\n Enter scores for Physics ");

scanf("%d",&phy);

printf("\n Enter scores for Biology ");

scanf("%d",&bio);

printf("\n Enter scores for Chemistry ");

scanf("%d",&chm);

printf("\n Enter scores for Agriculture ");

scanf("%d",&agr);

printf("\n Enter scores for Computer Science ");

scanf("%d",&csc);

printf("\n Total Possible Marks = %d",Ttlmrk);

sum= mat+phy+csc+eng+bio+chm+agr;

printf("\n Marks obtained = %d",sum);

pcnt= (sum\*100)/700;

printf("\n Percentage = (%0.2f)%",pcnt);

if(pcnt<=100&&pcnt>=70){

printf("\n Grade is A");

}

else if(pcnt<=69&&pcnt>=60){

printf("\n Grade is B");

}

else if(pcnt<=59&&pcnt>=50){

printf("\n Grade is C");

}

else if(pcnt<=49&&pcnt>=45){

printf("\n Grade is D");

}

else

{ printf("\n Grade is F");

}

gpa= (pcnt\*5)/100;

printf("\n GPA = %0.2f",gpa);

}