NAME: ADEGUNDE OLAKUNLE OLUWADUNSIN

COURSE: CSC 206

MATRIC NO.: 19/SCI01/090

1./\*A program to determine whether a year is leap or not\*/

#include<stdio.h>

main()

{

int year;

printf("\nEnter Any year: ");

scanf("%d", &year);

float ans= year%4;

if(ans==0)

{

printf("The year is a leap year", ans);

}

else

{

printf("The year is not a leap year", ans);

}

}

2./\*A program to determine whether the biggest in three numbers\*/

#include<stdio.h>

main()

{

int num1;

int num2;

int num3;

printf("Enter your first number: ");

scanf("%d", &num1);

printf("Enter your second number: ");

scanf("%d", &num2);

printf("Enter your third number: ");

scanf("%d", &num3);

if(num1>num2 && num1>num3)

{

printf("The first number is the biggest", num1);

}

if(num2>num1 && num2>num3)

{

printf("The second number is the biggest", num2);

}

else

{

printf("The third number is the biggest", num3);

}

}

3./\*A program to calculate the grade, percentage, and the GPA of a students results\*/

#include<stdio.h>

main()

{

float a;

float b;

float c;

float d;

float e;

float f;

float g;

printf("\nInput Math score: \n");

scanf("%f", &a);

printf("Input English score: \n");

scanf("%f", &b);

printf("Input CSC202 score: \n");

scanf("%f", &c);

printf("Input CSC204 score: \n");

scanf("%f", &d);

printf("Input CSC208 score: \n");

scanf("%f", &e);

printf("Input CSC206 score: \n");

scanf("%f", &f);

printf("Input AFE202 score: \n");

scanf("%f", &g);

float ans= ((a+b+c+d+e+f+g)/700) \* 100;

printf("\nYour percentage score is: %.1f", ans);

if(ans<=100 && ans>=70)

{

grade point=4.0;

printf("\nYou got an A");

}

else if(ans<=69 && ans>=60)

{

float grade point=3.0;

printf("\nYou scored a B");

}

else if(ans<=59 && ans>=50 )

{

grade point=2.0;

printf("\nYou scored a C");

}

else if(ans<=49 && ans>=40 )

{

float grade point=1.0;

printf("\nYou scored a D");

}

else if(ans<=39)

{

grade point=0.0;

printf("\nYou scored an F");

}

{

float qp=(3\*grade point)+(3\*grade point)+(3\*grade point)+(3\*grade point)+(3\*grade point)+(3\*grade point)+(1\*grade point);

float gpa=qp/19;

printf("\nYour GPA is: %.1f", gpa);

}

}