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MATRIC NO: 18/SCI01/092

DEPARTMENT:COMPUTER SCIENCE

1.

#include <stdio.h>

int yr;

printf ("Enter a year \n");

scanf ("%d", &yr);

if (yr%4 == 0) {

if(yr%100 == 0) {

if(yr%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;

2.

/\*

\* C program to find the biggest of three numbers

\*/

#include <stdio.h>

void main()

{

int num1, num2, num3;

printf("Enter the values of num1, num2 and num3\n");

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

printf("num1 = %d\tnum2 = %d\tnum3 = %d\n", num1, num2, num3);

if (num1 > num2)

{

if (num1 > num3)

{

printf("num1 is the greatest among three \n");

}

else

{

printf("num3 is the greatest among three \n");

}

}

else if (num2 > num3)

printf("num2 is the greatest among three \n");

else

printf("num3 is the greatest among three \n");

}

3.

#include <stdio.h>

#include <stdlib.h>

int main()

{ double mark1;

double mark2;

double mark3;

double mark4;

double mark5;

double mark6;

double mark7;

double grade;

printf("Please Enter Total Mark(s): ");

scanf("%lf", &grade);

printf("YOUR TOTAL MARK IS %f \n", grade);

printf("Score for Subject NO 1: ");

scanf("%lf", &mark1);

printf("Score for Subject NO 2: ");

scanf("%lf", &mark2);

printf("Score for Subject NO 3: ");

scanf("%lf", &mark3);

printf("Score for Subject NO 4: ");

scanf("%lf", &mark4);

printf("Score for Subject NO 5: ");

scanf("%lf", &mark5);

printf("Score for Subject NO 6: ");

scanf("%lf", &mark6);

printf("Score for Subject NO 7: ");

scanf("%lf", &mark7);

printf("YOUR GPA IS %f", (mark1+mark2+mark3+mark4+mark5+mark6+mark7)/grade \* 5);

return 0;

}