Module 02

Apithmetic Operators

Operators are:

- +->Addition
 - -->Subtraction
- * -> Multiplication
- 1. > Division
- . % → Modulus
- ++ >Increment
- -- -> Decrement

int/int > int int/float > float float/float > float

= > Assignment Operators

Q1. Take two integers from user and then print summation, subtraction, division and modulus of them.

Relational Operators

Operators are:

- $==\to Equal to$
- $! = \rightarrow Not equal$
 - > -> Grreater than
- ∠ → Less than_
- >= > Grocater than or equal to
- $L= \rightarrow less than opequal to$
- Q2. Take two numbers from user and test all the relational operators (True/False).

						bail	cal		De	Ya	OΥ	S							
	Pen	· W	lor	S (nes								•	•	•	•	•	•	
	\Q_i	<u> </u>	$\stackrel{\cdot\cdot\cdot}{\rightarrow}$	Ar	nd -	 →((etu	In		 NUS	ı i-	f b	oth	Sta	lem	erts	are	fru	l.
	. 41	-	$\stackrel{\cdot}{\rightarrow}$	O	R -	→	11			11		, , c	, ne	Sta	tem	ent	is		•
			· ->	1	lot -	· }[Zove	2γς	0	th	e 5	1886	lt	,					
	. 6						Ç=V C		٠		, 0		•						
	•		•			md	ition	al	چ	N	0	•	•	•	•	•	•	•	٠
· Vn-l	ax(if E	lse)	• •	C	יייע	oji o i					fE	-100	la	ملم	,) 。		•	
('''					tion	15					id.		, LJC			J 6			
		.' 1	کي 11 h	الم	tion of), U	//hl	nck	of	C_{000}	0					
				μίη	O	ψU	Ļ		2	ννι	och	J							
			él	90	ς					0	f(a)	ønc	(1)	15					
			•		•	. 1	ماء) []	hla	cki			10				
			7		wax	OF (code	1	7/	- 1		K	97			•			
			.]						76			ck	: 0		10				
									7	11	VVIE	CK	01	<i>C</i> 00					
									. 7										
· C .	. (<i>(</i> 1)			10	tla).											
2	<u>y nt</u>	ax	_		ted	Har	Else	7.											
			.H	(Ce	ondi	TION	(L)		ر کر	7									
									g)W S	<i>C</i>									
					17 (6	20nc	Letion	12)		. 1	C60	0							
					7		$\frac{1}{2}$	000	K (94	(00	•							٠
				7	. }														•
				4															
•																			
3.	Write			m tha	at take	s a sti	udent's	test	scor	e as i	nput ə	ind det	ermin	es the	ir gra	ade bas	sed on	the	
	. 01100	· · · · · · ·	3,100,																

• Score >= 90: Grade is 'A'

• Score < 60: Grade is 'F'

80 <= Score <= 89: Grade is 'B'
70 <= Score <= 79: Grade is 'C'
60 <= Score <= 69: Grade is 'D'



Problem: Write a C program to determine if a year is a leap year. The program should follow these rules:

- If the year is divisible by 4, go to the next step; otherwise, it's not a leap year.
- If the year is divisible by 100, go to the next step; otherwise, it's a leap year.
- If the year is divisible by 400, it's a leap year; otherwise, it's not a leap year.

