Algorithm for Question I

Step-1: Declear the data types and vasiables and stort,

Step-2: Depending on question take Inputs from user and Print the required fields.

Step-3: Create the menu for menu owner program.

Step-4! Display the Mem.

step-5: Using the Switten case create the menu program workable.

Step 6: Display the Output.

Step 7: Display the Whole program in a loop

Step 8: Create the vasiable to exit from the Loop.

Step 9: Stop.

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Exp	ot. No. 1. Alok Kumar Rastogi 18M19CS 192 Page No. 1.
0-1	write a new driven C program to design a Simple calculator
and the same of th	which solves 10 -Operation - 4 Arithmetic, 4 Relational and any
	two of Your Choice. The program should loop till the
	user wishes to stop.
	# include < stdio.h >
	int main()
	int muma, muma, opt, c;
	while (1)
	· · · · · · · · · · · · · · · · · · ·
	Printf I" Enter the first integer.");
	Scanf ("of-d", 2num1);
	printf (" Enter the Second integer!");
	scanf("10d", 2num2);
	Prints ("In Input your Option: In");
	Printy ("At A. OPERATIONAL OPERATORS: \n1-Addition.
	102-Substraction- 103-Multiplication. Iny- Division. Ins-Modulus 17);
	Printf("B. RELATIONAL OPERATORS". In 6-Equal to: In7-Greater Thon.
	In 8-Less than Ing - Not equal to n20- Greater than or equal to
	\n 11 - Ex7+. \n");
	Scanf ("A.d ", 20pt);
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Switch (opt)	
2	
Case 1:	
	god and dodis: ded n", nums, nums,
	num 1+ hum 2);
break;	
Case 2:	
Printf ("The Substraction of trd av	nd old is: old In", num 1, num 2, num 1-num
break')	
Case 3:	
Print of ("The Multiplication of 10d and	1 old is : of -d in', num1, num2, num1 * num2)
break;	
Case 4:	
1 t Cnum 2 = = 0)	
2	
Printf (The Second Integer	is zero · Divide byzero (n");
3	
eses	
Printf ("The Division of glod and	1.d is: of-dln', nun1, nun2, num2/num2)
3	
breaks	
Care 5:	
15 (num 2 == 07 \$	
Printf ("The Second Integer is z.	ero. Divide by zero In");
3 else &	
Printf ("The modeles of olode	and old is old In", nunz, nunz, nunzanum
Z	
break;	
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case 6.0	
1+ (mun1 == num2)	
& Printf ("ded = olod n", num1, num2);	
29	
else ર્વ	
Print f ("olod 1 = olod (n", nun2, num2))
3	
break;	
Case 4:	
if (nun1>num2)	100
ર	
Printf ("oled >oled \n", num 2, num 2);	
3	
else &	
Printf (" olod > olod h", mun2, mun1);	
3	
breakj	
Case 8:	
&	
if Grum 1 < num2)	
{	
Printf ("oled < olod n", num1, num2);	
3	
eue	
&	
Prints ("1-d < d-d ln", num 1 inium);	
G	
break;	
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case 9:			
14 (num1! = num2)		178934	
2		Branch (Bright Cally)	
Printf ("ded 1 = ded)	n", numa, num 2);	K SINK	
3	Ame back	248 (n. 2014)	in the state of
210-2	The Value Value Ville Committee of	r malining the	
Printf (11010d > 010	d", munz, numz);	ug s verijan	18 3,34
	ALL TO STATE OF THE STATE OF		
break;	the Continue		1. 42
Case 10;		Set	
it (num 1 > = num2)			
s s			1
	od (n", num1, num2);		
g			
elie			
Ę			
Prints (" Mod isnot	1 >= olod) n1, num 2,17	נ במינור	
3			
break j			
default:			
	correct option n");		
break's			
3			
Printy (" Press 1 to p	perform Calcutation again Ir	fress any key	to exit \n"]
scanf ("oloa", &c);			
if (c! = 1) {			
breaks			
3			
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