	USN-1BM19C5001	Oligato Page	(6)
	Name-Aakanksha Gufta		
	LAB-1.		
	C Program to disign a simple calculator.		
<i>→</i>	#include < stdio.h>		
	#include < math, h>		
	int main ()		
· · · · · · · · · · · · · · · · · · ·			
	int a, by, option;		
	long long ans = 1;		
	printf ("Enter first number: ");		
-	1/11/4" & a \ i		
	print ("Enter second number: ");		-24
	scanf ("1.d", & b);		
	print ("Enter your for in"); print ("In 1 - Addition In 2-Subtraction In 3-M 4-Pivision In 5-Check if cound In 6-Check 7-Check for lesser number In 8- Average	ultiplications After greater 9-216	n number
	7- Check for losser reconstruction of 10- baa \n);		
	scanf ("i.d", & option);) de
	Marin (Marin)		
	while (option != 1) &		
	Switch (option)		
	printf (" Addition of %, d and %, d &	s=1/1/n".	7, 6,0+6);
	break;		
	case 2:	. 11	
	case 2: printf ("Subtraction of ", d and ", d break;	=/d\n',a,	b,a-b);
	break;		
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	USN- 1BM 19C5001 Name - Aakanbsha Grupta Progs Progs
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	cox 3:
	printf ("Multiplication of 1.d and 1.d = 1.d \n" a, b, a-b);
	break;
	A A A A A A A A A A A A A A A A A A A
	cox 4;
	y(b=0)
	[printf ("Can not divide by zero");
	3 c/se
	g clse { printf (" Division of /d and /d = /d \n" a, b, a/b);}
	break;
24,1	
	care 5:
. 8	$\sqrt{a=b}$
	frints ("Equal numbers \n");
	Company of the state of the sta
	else
	printf ("Not equal");
	break;
	case 6:
	if (a>b) { printf("/d is greater than /d \n", a,b);
-	prints ("/d is greater than /d \n, a,b)
	4
	clse printf ("i'd is greater than 7.d \n", b, a); break;
i i	prints (1 d is greater than 1 d (n, 5, a)
	break)
	7.
	case 7:
	if (a>b) {
	y (a>b)? printf (" // d is less Than /, d \n", b, a) y
	elbe (2)

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Name - Askambsha Grupta	A CONTRACTOR OF THE CONTRACTOR
printf (""/d is less than "/. break;	dln" (ma,b);
care 8: print of ("Average is ", d)	n'' (a+b)/2);
break;	
case 9: $ans = pow(a,b);$	
printf (" a N b = 1/2 lld \n",	fans);
break;	
case 10:	
ans = $paw(b,a)$; $printf("b \land a = \% U \land n"$. A ans):
break;	
scanf ("",d", & option);	
<u>y</u>	
return 0;	he calculator");
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(3)	