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	/*File ASCII_codes; Program writes ASCII codes for letters and digits*/
	#include <stdio.h> #include <conio.h></conio.h></stdio.h>
	int main() {
	<pre>char ch; printf("Program writes ASCII codes for letters and digits\n"); for(ch='a'; ch&lt;='z'; ch++)</pre>
	printf("ASCII code for the letter <mark>%c</mark> is <mark>%d</mark> \n", ch, ch); for(ch='0'; ch<='9'; ch++)
	printf("'ASCII code for the digit <mark>%c</mark> is %d\n", ch, ch);
	getch(); // conio.h return 0; }







```
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# include <stdio.h>
# include <stdlib.h>
  /* calculating the sum of first n natural numbers */
int main (void)
{
  char text [20];
  int n,s;
  printf(" Enter the number n: ");
  gets(text);
  n = atoi(text);
  if (n!=0)
  {
  s = n * (n+1) /2;
  printf("The sum of first %d natural numbers equals: %d\n", n,s);
  getchar();
  } else printf(" Invalid data entered, try again\n");
  return 0;
}
```



© Con	mputer Engineering Department, TU Lodz Arithmetic operators				
	С	Pascal	Operation		
	+	+	addition		
	-	-	subtraction		
	/	/ or div	division		
	*	*	multiplication		
	%	mod	modulo reduction - returns the remainder from integer division	1	
		-	60	6	























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		Operator	Function	]
		!	negation (NOT)	
		&&	conjunction (AND)	
			disjunction (OR)	
	Co 1 (,	mparison and log ,true") or 0 ("false	ical operators ret ") only.	urn value
				79







Precedence and Associativity of C operators					
Category	Operator	Associativity			
Postfix	() [] -> . ++	Left to right			
Unary	+ - ! ~ ++ (type) * & sizeof	Right to left			
Multiplicative	*/%	Left to right			
Additive	+ -	Left to right			
Shift	<< >>	Left to right			
Relational	< <= > >=	Left to right			
Equality	== !=	Left to right			
Bitwise AND	&	Left to right			
Bitwise XOR	٨	Left to right			
Bitwise OR	1	Left to right			
Logical AND	&&	Left to right			
Logical OR		Left to right			
Conditional	?:	Right to left			
Assignment	= += -= *= /= %= >>= <<= &= ^=  =	Right to left			
Comma	,	Left to right			