HELP on C

RESERVED WORDS

```
auto break case char const continue default do double else enum extern
float for goto if int long register return short signed sizeof static
struct switch typedef union unsigned void volatile while
```

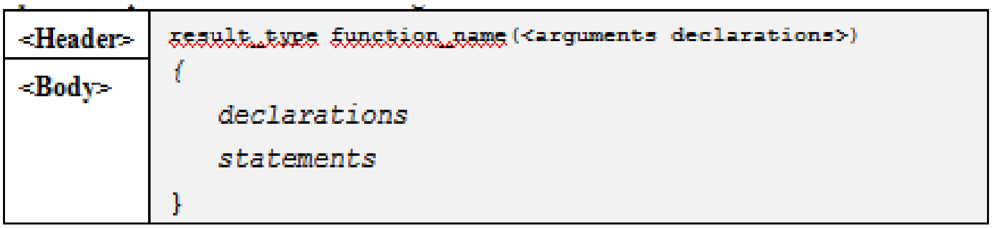
INPUT AND OUTPUT FORMAT SPECIFIERS

Variable Type	Output Type	Specifiers
short, int	int	%i, %d
int	short	%hi, %hd
long	long	%li, %ld
int	unsigned int	%u
int	unsigned short	%hu
long	unsigned long	%lu
int	octal int	%o
int	hexadecimal int	%x
int	decimal int	%d
float	double	%f, %e, %E, %g, %G
double	double	%f, %e, %E, %g, %G
long double	long double	%Lf, %Le, %LE, %Lg, %LG

SOME STATEMENTS SYNTAX

```
if (expression) statement
if (expression) statement_1 else statement_2
for (expression 1; expression 2; expression 3) statement;
while (expression) statement;
do statement while (expression);
```

STRUCTURE of a FUNCTION



<Header>	result_type function_name(<arguments declarations>)

<Body>	{
	    declarations
	    statements
	}

PRIORITY OF OPERATIONS

Operators and Precedence	***Associativity***
( ) [ ] . -> ++ (*postfix*) -- (*postfix*)	left to right
++ (*prefix*) -- (*prefix*) ! ~ sizeof (*type*) + (*unary*) - (*unary*) & (*address*) * (*dereference*)	right to left
* / %	left to right
+ -	left to right
<< >>	left to right
< <= > >=	left to right
== !=	left to right
&	left to right
€	left to right
|	left to right
&&	left to right
||	left to right
?:	right to left
= += -= *= /= %= >>= <<= &= ?= |=	right to left
, (*comma operator*)	left to right