

## Cartilla de funciones de C

### ***stdio.h:***

```
int printf ( const char * format [ , argument , ...] );
int sprintf ( char *buffer, const char * format [ , argument , ...] );
int scanf ( const char * format [ , argument , ...] );
int fprintf ( FILE *fp, const char * format [ , argument , ...] );
int fscanf ( FILE *fp, const char * format [ , argument , ...] );
FILE * fopen (const char * filename, const char * mode);
int fclose (FILE * stream);
int remove ( const char * filename );
int fread (void * buffer, size_t size, size_t count, FILE * stream);
size_t fwrite ( const void * buffer, size_t size, size_t count, FILE * stream );
int fseek ( FILE * stream , long offset , int origin );
long ftell ( FILE * stream );
int puts (const char * string );
char * gets (char * buffer );
int fputs (const char * string , FILE * stream);
char * fgets (char * string , int num , FILE * stream);
int fflush (FILE * stream);
int feof (FILE * stream);
int ferror (FILE * stream);
```

### ***stdlib.h***

```
double atof ( const char * string );
int atoi ( const char * string );
char * itoa ( int value, char * buffer, int radix );
void * malloc ( size_t size );
void free ( void * memblock );
void qsort ( void * base, size_t num, size_t width, int (*fncmpare)(const void *, const void *) );
void* bsearch ( const void * key, const void * base, size_t num, size_t width, int (*fncmpare)(const void *, const void *) );
```

***math.h*** ( las fns. trigonométricas trabajan en radianes ).

```
double sin ( double x );
double cos ( double x );
double tan ( double x );
double floor ( double x );
double ceil ( double x );
double sqrt ( double x );
```

### ***string.h***

```
void * memset ( void * buffer, int c, size_t num );
void * memcpy ( void * dest, const void * src, size_t num );
char * strcat ( char * dest, const char * src );
char * strcpy ( char * dest, const char * src );
int strcmp ( const char * string1, const char * string2 );
size_t strlen ( const char * string );
char * strtok ( const char * string, const char * delimiters );
```