```
EIN- AUSGABE <stdio.h>
                                                                             Dateipositionierung
                                                                               int fseek(FILE *stream.long offset.int origin)
  Dateioperationen
                                                                               long ftell(FILE *stream)
  FILE *fopen(const char *filename.const char *mode)
                                                                               void rewind(FILE *stream)
 FILE *freopen(const char *filename,const char *mode,FILE *stream)
                                                                               int fgetpos(FILE *stream, fpos t *ptr)
 int fflush(FILE *stream)
                                                                               int fsetpos(FILE *stream, const fpos t *ptr)
 int fclose(FILE *stream)
  int remove(const char *filename)
                                                                               Fehler/Dateiende
  int rename(const char *oldname, const char *newname)
  FILE *tmpfile(void)
                                                                               void clearerr(FILE *stream)
  char *tmpnam(char s[L tmpnam])
                                                                               int feof(FILE *stream)
  int setvbuf(FILE *stream.char *buf.int mode.size t size)
                                                                               int ferror(FILE *stream)
  void setbuf(FILE *stream, char *buf)
                                                                               void perror(const char *s)
  Formatierte Ausgabe
                                                                             KLASSIFIZIERUNG VON ZEICHEN <ctvpe.h>
  int fprintf(FILE *stream, const char *format,...)
                                                                               int isalnum(int c)
  int printf(const char *format,...)
                                                                               int isalpha(int c)
  int sprintf(char *s,const char *format,...)
                                                                               int iscntrl(int c)
  vprintf(const char *format, va list arg)
                                                                               int isdigit(int c)
  vfprintf(FILE *stream, const char *format, va list arg)
                                                                               int isgraph(int c)
  vsprintf(char *s,const char *format,va list arg)
                                                                               int islower(int c)
                                                                               int isprint(int c)
  Formatierte Eingabe
                                                                               int ispunct(int c)
                                                                               int isspace(int c)
  int fscanf(FILE *stream, const char *format,...)
                                                                               int isupper(int c)
  int scanf(const char *format....)
                                                                               int isxdigit(int c)
  int sscanf(char *s,const char *format,...)
                                                                               int tolower(int c)
                                                                               int toupper(int c)
 Zeichenweise Ein- Ausgabe
                                                                             MANIPULATION VON ZEICHENKETTEN(STRINGS) <string.h>
  int fgetc(FILE *stream)
  char *fgets(char *s,int n,FILE *stream)
                                                                               char *strcpy(char *s,const char *t)
                                                                               char *strncpy(char *s,const char *t,size t n)
  int fputc(int c,FILE *stream)
  int fputs(const char *s,FILE *stream)
                                                                               char *strcat(char *s,const char *t)
                                                                               chat *strncat(char *s,const char *t,size t n)
  int getc(FILE *stream)
  int getchar(void)
                                                                               int strcmp(const char *s,const char *t)
                                                                               int strncmp(const char *s,const char *t,size t n)
  char *gets(char *s)
  int putc(int c, FILE *stream)
                                                                               char *strchr(const char *s,int c)
  int putchar(int c)
                                                                               char *strrchr(const char *s,int c)
  int puts(const char *s)
                                                                               size t strspn(const char *s.const char *t)
  int ungetc(int c.FILE *stream)
                                                                               size_t strcspn(const char *s,const char *t)
                                                                               char *strpbrk(const char *s,const char *t)
  Direkte Ein- Ausgabe
                                                                               char *strstr(const char *s,const char *t)
                                                                               size_t strlen(const char *s)
  size_t fread(void *ptr,size_t size,size_t nobj,FILE *stream)
                                                                               char *strerror(size_t n)
  size_t fwrite(const void *ptr,size_t size,size_t nobj,FILE *stream)
                                                                               char *strtok(char *s,const char *t)
                                                                               void *memcpy(void *s,const void *t,size t n)
                                                                               void *memmove(void *s,const void *t,size_t n)
                                                                               int memcmp(const void *s,const void *t,size t n)
                                                                               void *memchr(const void *s,int c,size_t n)
                                                                               void *memset(void *s,char c,size t n)
```

```
MATHEMATISCHE FUNKTIONEN <math.h> -lm
  double sin(double x)
  double cos(double x)
  double tan(double x)
  double asin(double x)
 double acos(double x)
  double atan(double x)
 double atan2(double x, double y)
  double sinh(double x)
  double cosh(double x)
  double tanh(double x)
  double exp(double x)
  double log(double x)
  double log10(double x)
 double pow(double x, double y)
  double sqrt(double x)
  double ceil(double x)
  double floor(double x)
  double fabs(double x)
  double ldexp(double x,int n)
  double frexp(double x,int *exp)
  double modf(double x, double *ip)
  double fmod((double x, double y)
DIENSTFUNKTIONEN <stdlib.h>
  double atof(const char *s)
  int atoi(const char *s)
 long atol(const char *s)
  double strtod(const char *s.char **endp)
 long strtol(const char *s.char **endp.int base)
 unsigned long strtoul(const char *s,char **endp,int base)
  int rand(void)
 void srand(unsigned int seed)
  void *calloc(size t nobj, size t size)
 void *malloc(size t size);
 void *realloc(void *p, size_t size)
  void free(void *p)
  void abort(void)
  void exit(int status)
  int atexit(void (*fcn)(void))
  int system(const char *s)
  char *getenv(const char *name)
  void *bsearch(const void *key, const void *base, size_t n, size_t size,
                int (*cmp)(const void *kv,const void *dt))
  void *gsort(void *base, size_t n, size_t size,
                int (*cmp)(const void *kv,const void *dt))
  int abs(int n)
  long labs(long n)
  div t div(int num,int denom)
  ldiv_t ldiv(long num,long denom)
```

```
DIAGNOSTICS <assert.h>
  void assert(int expr)
VARIABLE ARGUMENTLISTEN <stdarg.h>
  va start(va list ap,lastarg)
  type va arg(va list ap, type)
  void va end(va list ap)
NICHTLOKALE SPRUENGE <setimp.h>
  int setimp(imp buf env)
  void longimp(jmp_buf env,int val)
SIGNALE <signal.h>
  void (*signal(int sig,void (*handler)(int)))(int)
  int raise(int sig)
ZEIT- UND DATUMSFUNKTIONEN <time.h>
  clock t clock(void)
  time t time(time t *tp)
  double difftime(time t time2, time t time1)
  time t mktime(struct tm *tp)
  char *asctime(const struct tm *tp)
  char *ctime(const time t *tp)
  struct tm *gmtime(const time_t *tp)
  struct tm *localtime(const time_t *tp)
  size t strftime(char *s.size t smax.const char *fmt.const struct tm *tp)
IMPLEMENTATIONSABHÄNGIGE WERTE < limits.h>
```