C Cheatsheet

```
Strings
studen() - Find length of stu-
studen() - Company 2 strings
stucepoll - Company 2 string to another
strict() - Concatenate one string with mother
strict() - Find the given char in the string
studen() - Find the given sold-ning in the string
 Pointely
int vow=lox
inf ptv;
  ptu = Kvar;
 printf ("Value of plu = %p \n",ptu);
printf ("Value of un = 801 \m" ruen);
printf ("Value of *ptu=801 \m" rtel);
 return 07
```

DUTPUT

Value at port = Deffedbzebbolc Value at var=10 Value at **ptr=10

anic Wemory Management

```
1. malloclsizetsize);
      Althories the Worle of a specific size in the me
Returns the wid pointer to the memory block.
It the allocation is failed it return the null
2. calloc (size_t war, size_t size)
   "Allower the mumber of blacks
(27) Some on 111
3. realloc (void * ptm, siee_t men_siee)
-Used to change the size of the oil
-60) Some as (1) $(7)
4. free(ptr);
```

```
street Str_name varliver2, ... voich;
                                                                 Enum (Enumeration)
                                                                 emm & namel, mare Z, name 3 = value 3;
  union union-name {
           // members
C File Operations
Create new file - fopen (attr)
Open existing file - fopen()
Open existing file - fopen()
 Reading from file-
Writing to a fik-
                                                     fprintf() or first)
Moving to a specific - freek (), rewind()
Loosing a file - follow)
      Proprocessor Directives
              # letine Used to define a macro
# Under Used to include a file in the source code program
# include Used to include a file in the source code program
# it that Used to include a section of code it a certain macro is defined by # define
# end it used to produc this end of # end if
# it hake Used to include a section of code if a certain macro is not defined by # define
# it hake Used to include a section of code if a certain macro is not defined by # define
# if Check for the specified condition
# else Albertae code that executes when # I fails
# engine This directive is a special propose directive and is yield to term on or off some
                                                                             Escape Sequences
           format Specifieus
            (b)
                                                                                       Backipak
                                                                              \h
                                                                                       New Line
                                                                                      Carriage
Return
```

Horizontal

Vertical Terb BALLISTACH Roalle Quote MUL

\t

Structure Template

3

% ! % \ % %

struct stret-name I member typel name! member typel mane?

OR