03-06-2024

# -> Preprocessor directive

TYPES OF FUNCTIONS ():-

1. System define Functions (): - If the deparation of the punition is given by eyetem itself is called system defined functions Ex: - printfis; scanf ()

2. User defined Function (): - It the defination of the function is given by user is called user defined function. 

Ex: main ()

TYPES OF FUNCTIONS ACCORDING TO ALGUMENTS : - 1 A. C. Marie

RETURN ARGUMENTS

without without

without with

with without

with with

Without arguments without return: > add() light to water in a fruitf ("enter a, 6"); which at his scanf ("1.d 1.d", du, db); found ("1.d", c); main () 3 the sometime that the sometime Adjustice, but no Aron of rutungle: -- area () float as by the state of the printly ("enter 1, 611) scanf ("1. df1. df", 41,46) -a= 1 % by more to or more it in print ("7. +3", a); main () wwa ( ) their.

```
pout of wall! - The Time was the war and the way
                The Carlo Links
-> wrea ()
  1 float a, many or;
     printly (" enter or "); ("in all or ") !!
    scanf (" 1.4", 45); 1 1 1 1 100
      A=# 3.14 *n * n; ( )
      fruit ("1,7", a);
                  main 1) ... (I min
    main ()
     area ();
                        ( ) for significant
Doa of triangle; wrainference of circle; Perimeter of rectangle;
 Perimeter of Square; Diameter of will
                               ( ) entimided (
Area of a triangle! - a = 0.5 x 5 x h.
                The Mill of the other 1. House
-> Wrea () -
     printf ("enter b, h"); (1+1) * C F
      scanf ("1.+7.+", 4b, 4h+; ") Hours
      A= 0.5 + b * h;
                                 () million
      print (" 1.f", a);
                          (10) (4) (4) (4)
    main ()
     arm ();
```

```
Circumperence of a will :- C=217 51
   circumférence ()
                        4.62 34
     float c, si;
      printf (" enter or ");
      Scanf ("1.+", + 27);
      main ()
     circumference ();
 Perimeter of a rectangle: P= 2*(1+b)
-> Perimeter ()
                   sized - i specifi
    printf (" enter 1, b");
    scanf ("1.+ 1.+", & 1, 4 b);
     P= 2* (1+b); 1 had miles
          " 1.4"; PD; 1.4.5"
   main ()
                   Perimeter ();
```

```
perimeter of a square: P= 4 *s
 > Perimeter ()
      float S, P:
      print (" enter s");
       scanf ("1.+", 45);
        P= 4 $ S
        wantf (" 7.4", P);
     main ()
          Perimeter ();
 Diameter of a wide: - d = 2 * 5
     Diameter ()
       float 91, d;
        prints ("enter or");
         scanf ("7.+", 697);
          d= 2* 97.
         printf ("1.+", d);
      main ()
           Diameter ()
```