Void fun (int n)

(n=30;

int main()

(int y=20;

fun (y);

print f ("Y.d, y);

return o;

2) It include(stdio.h)

Void fun (int *ptr)

Aptr = 30;

Int main()

(int y=20;

In(dy);

print f ("/d, "y);

return o;

Dutput! 20
The parameter is parced by value
the value of y is not modified
thing function.
The value charges in the function
The y value remains same
as original value.

me parami is parsed by reference

The value of the address ptr is

changed to 30.

The address ptr 11s modelied by

the function.

Int *ptr';

Int *ptr';

Int *ptr';

Int *x;

ptr = & x;

*ptr = 0;

pnint f (" x = 1/d\n', x)";

pnint f (" x ptr = 1/d\n', *ptr);

pnint f (" x = 1/d\n', *ptr);

pnint f (ptr = 1/d\n', *ptr);

print f (ptr = 1/d\n', *ptr);

Scanned by CamScanner

print
$$f("x=y.dh",x)$$
; $Y=6$

print $f("x=y.dh",x)$; ptr value is 6

return 0;

 $x=0$
 $yph=0$
 $yph=$

- 4) # indude < stdio.h>
 int main ()

 that s1[+] = "1234";

 p=51 +2

 *p=0';

 print f("1.5", 51);

 d
- array, puril hold the address of the 3rd character The value at PKs Charged to O Offput? 1204

Y

p to addrew of i

y to addrew of j

P= 9

the p points to addres of j

*p=2 the value of j= 2

Sprints i=0
j=2

```
#include (Stdio.n)
  intf (intx, int * py, int * 1 ppz)
   int 4,2 )
                      c = 4+1=5
    X K PDS )
                        2=5
    * py+ =2;
                         C = 5+2 =7
     y = * py;
      X+ =3')
                          x=4+3=7
                             7+7+5=19,
     return x+y+ Z;
   void main 1)
   4int (, * 6 , x * a;
     c = 4
       b=lc
      0= 66
     print f(" ", d", f((, b, a);
          yerren o'j
        4.
子) # include (Stdio. 17)
                                 first climit of array is pointed
   in moin!)
  dire arr[]= (1,2,3,4,5};
                                  by P.
                                ++*p is evaluated as ++(*p)
      int xp= arri
                                The first element value will be
     ++ * P =
      p+ =2;
                                incrmented by 1
     print f ("1.d", *P);
                                 In p+=2, the p value is
       reluen 0',
                          changed to 3 element address.
       ٢
                           output: 3.
```

```
8) # indude < stdio.h)
      Int main ()
                                          P[3] = E
                                         P (1)= A
      that CCJ = "GATEXON";
                                            E - A = 69- 65= 4.
       chal + p=C
       print & ( "xs", P+P(3) - P(1));
                                            P+4. = 2011
        }.
                                             forms address of p+4)
                             Dutput: 2011.
a) int main ()
                                     The orr +4 is addres of
     wou arr [] = "work street";
                                     the string street.
      print f ("7.5", arr+4);
                                   output = Street.
       retuen o's
10) # include (Stdio.h7
                                     output = 10
  int fun (chae *Stol)
                               x Str2 is initialized to Stol
   chan xstr2 =str1;
    while (* ++ shr1);
                                  Strl is incremented by 10
     return (str1-str2);
                                    Strl - Str2 = 10
                                  The him count the number of
     int main()
                                  charder in the string
      that & str = "workstreet";
     print f ("1.d", fun (str));
      return o')
        }.
```