```
Week-2
1889gnment-1
```

Psiedict the following Output

Y 20

Can't ablitomodify local variable of a function inside another function

80 0/p → 20

with the help of pointer we be do or change that

Call by Value

```
2.
 #indude (Stdio.h)
                                      output -> 30
 void fun (int rptr)
      * pty = 30;
  int main ()
                                      10000
                                      4 ptr = 20
      int y = 20;
       fun (& 4);
                                        Pf - 30
       Pountf ( " o/.d " , y);
                                        with the help of
       outurn 0;
                                      Pointer we Com change
                                        local Vasiable
                                      Call by suference
```

```
3. int main ()
                                   1000
      int * ptr;
                                    of pty = x
       int x;
       ptr = &x;
       or pty = 0 ;
                                     0/p -> 0
      Pountf (" x = %d/n", x);
       Pountf (" *ptr = %d/n", *ptr); o/p -> 0
                                        *p+x+=5 -> 0+5=5
       * ptx + = 5;
        Pountf ( x = %d/n , x);
                                      O/P -> 5
                                       0/p -> 5
       Pountf (" *ptr = %od \n", *ptr);
                                        *ptr = 5 *ptr++ = 6
        ( # p+8) ++ ;
        Pount ("x = %d/n", x);
                                        0/P -> 6
        Pountf (" orpty = %d/n", orptx); 0/p ->6
        oretwin 0:
```

```
# include (8tdio.h)

int main ()

Char 81[7] = 1234, *P;

p = 81 + 2;

p = 0;

Pointf (^0/8', 81);

3 : 81 \rightarrow 1204
```

```
5. #include (8tdio.h)

void f (int *p, int *q)

int i=0;

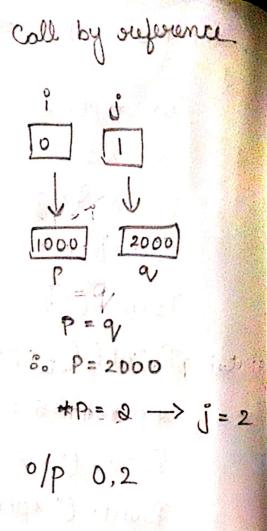
int main()

f(&i, &j);

Pountf(*%dolaln*,i,j);

getchase();

sutuan 0;
```



```
#include (8tdio.h)
  int main ()
    int world = {1,2,3,4,59;
    int of b = 0001;
     ++ &P ;
     p+=2;
     Pountf (" o/od", 4P);
      so menters
8. # include (8+di 0.h)
   int main ()
       Chan C[] = "GATE 2011";
        Chan * p = C;
        Pount f ("1.8", p+ p[3]-p[1]);
```

P[3] -> E P[A]-A

q. int main ()

Chair asor[]="Workstreet"; (° 1.8", ?);

Poütf (° 1.8", ?);

sutumn 0;

B

: . 09-91+H

of the 8 him to

include (8tdio.h)

int fun (chasi & str1)

chasi & str2 = 8tr1;

while (* ++ 8tr1);

seturn (8tr1-8tr2);

int main()

Chasi & str = "Workstreet";

Pountf (" o/od", fun (8tr));

seturn 0;

g

ash = [World]

reun (3+1)

Str2 = 8trl

while (*++ Strl)

Cound ontill 'lo'

Workstreet

12345678910

while seturn
Stri will incremed
to 10

Previous Value Subtr Present Value différence will be 10 outwo 10

0/p 10

Sir J'm not Swee & little bit Confused in Perob no 6,8 & 10