POINTERS PROBLEMS

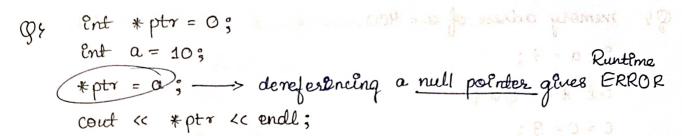
\$el:

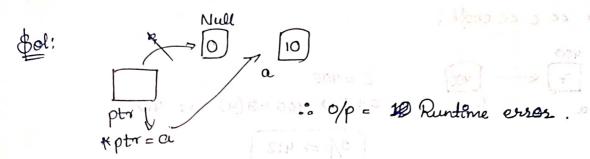
·· %: 2.5 2.5 2.5

9.29 Ent a = 7; Ent b = 17; Ent *C=&b; *C=7; cout << 0: << " " << b << evol;

$$\begin{array}{c|c}
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&$$

0/p:- 7 7





O; which of itre following gives the memory address of the variable b' pointed by pointer a' i.e int b = 10; int a = b;

Os what will be output?

chas ch = 'a';

chas *ptr = pch;

ch++;

cout << *ptr << endl;

cout
$$\ll * ptr \ll enal;$$
 $cout \ll * ptr \ll enal;$
 $ch++ \Rightarrow a + \rightarrow b$
 $ch \rightarrow ch \rightarrow ch$
 $a = 6597$
 $ch \rightarrow ch$
 ch

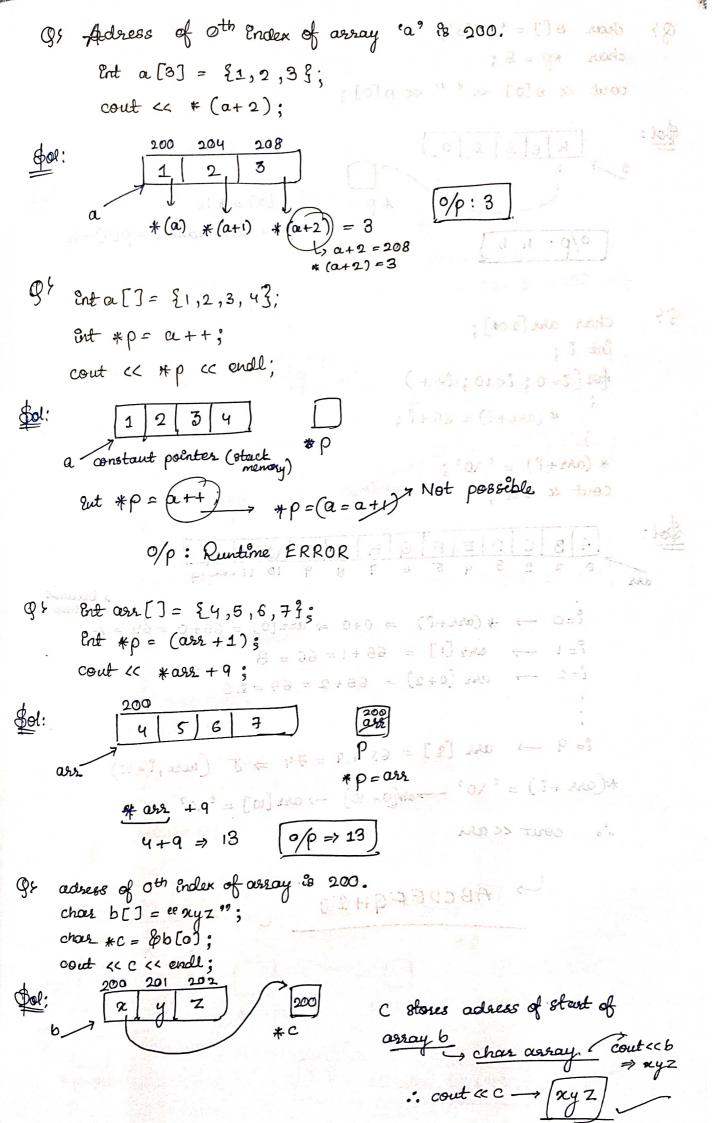
9: Ent a = 7; Ent * C = & a; c = C+1; cout << * a <<" " << * C << endl;

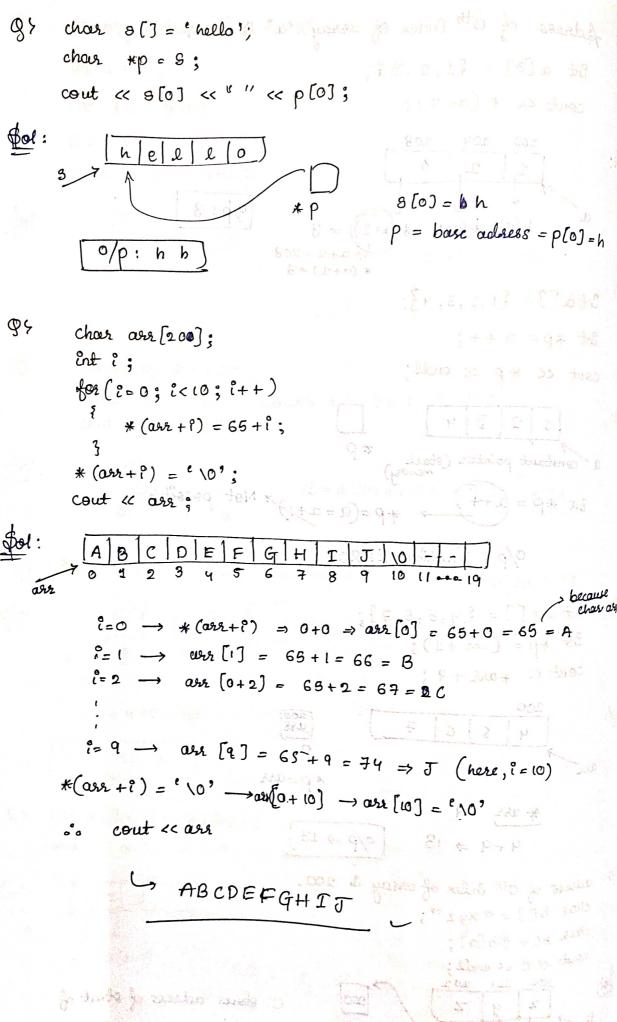
Sel:
$$\frac{64}{7}$$
 \leftarrow $\frac{104}{104}$ $c = c + 1$ $\frac{64}{7}$ $\frac{1}{7}$ $\frac{1}{7}$

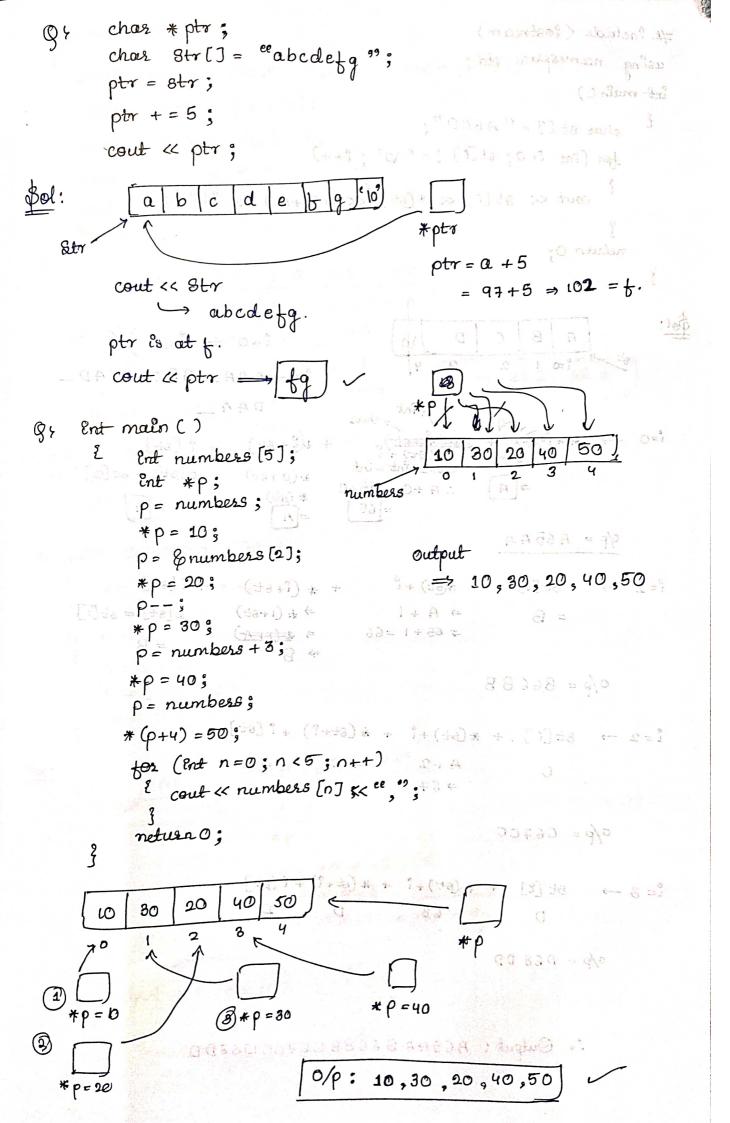
memory adress of a = 400. int a = 7; ent * c = &a; C = C + 3; cout << c << endl; Dol: C = 400 c+3 => 400+3(4) => 412 0/p => 412 which of the fellowing gives the moraly orthogo adress of a = 200 s to solder of latition to place Q4 double a = 10.54; double *d = &a; d = d + 1; cout << ol << endl; idd ant the **601**: $200) d = 0200 + 1(8) \Rightarrow 0/p = 208$ ent a [5]; ent *c; cout« size of (a) << " " << size of (c); Est= 4 8ge = 8. sege = 4 x5 = 20. LOY Chat FR 9> End al]= {1,2,3,4} coul << *(a) << "" << *(a+1); *a *(a+1)

ing.

0/0 = 1 entrop





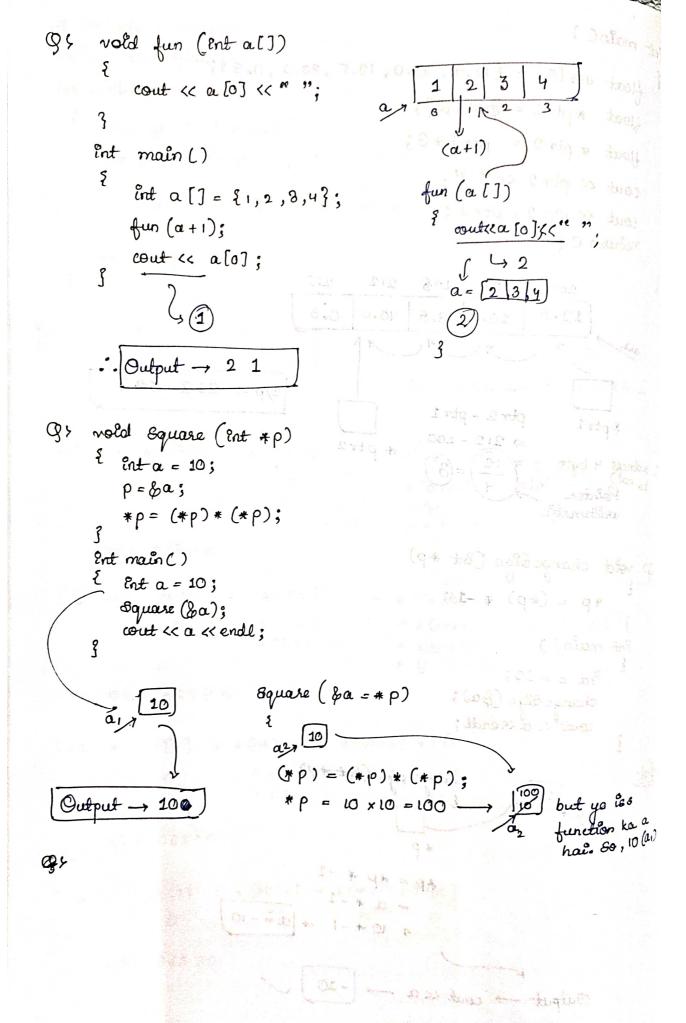


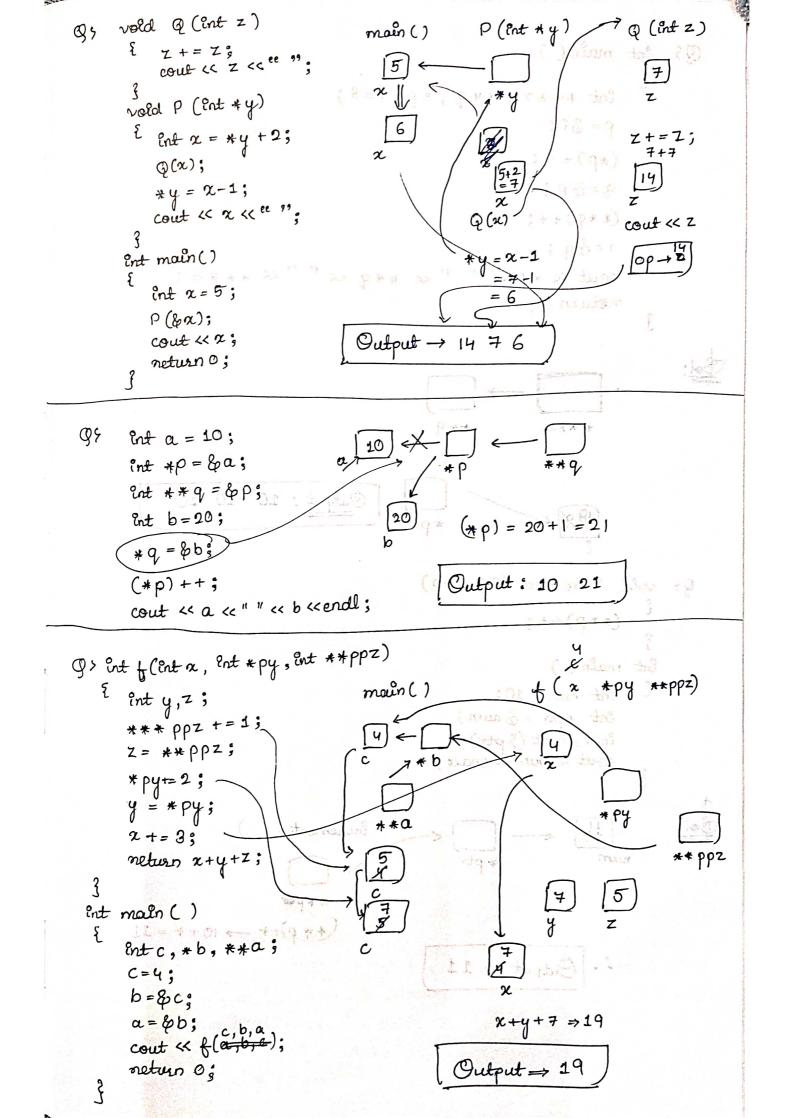
```
# include (:ostneam)
  using namespace std;
  int main ()
   ٤
      ehaz 8t[] = "ABCD";
      for (int i=0; 8+[i]!= 0 \0'; i++)
          cout << st[i] < *(st)+i<< *(i+8t) << i[st];
      neturn 0; 2+ .D = rdq
   } - t = 201 = 6+fP =
Bol:
                                        120 to =3 X
                                    ico - AAA _ BAC _ CAD_
                                        DAA_
                                  + *(2+8t) + ?[8t]
                                   *(0+st) 0[st] = st[0]
                      chartint = int
                      A + 0 = 65 + 0
      0/p = A65AA
                              + * (i+8t) + i[st]
  ?=1 -, 8t[2] + *(8t) + ?
                                               1[8+] = 8+[1]
                                   → * (1+8t)
                     3 A +1
           = B
                     7 69 + 1 = 66
                                 -> *(1-1 A)
       0/p = B66 BB
  i=2 → 8t[i] + *(st)+i + *(8t+f) + i[st]
                    ant & mumbers [n] = ce . 5 + 5 €
      0/p= C67CC
                                           * Datuter
           8t [2] + * (8t)+1 + * (8t+1) + 1 (8t]
  = 3 →
                               DE CON
                     . 68
       0/p = D68 DD
```

:. Output: A65AA B66BBC67CCD68DD

57, 04, 02, 06, OL . 90

```
ent mais ()
                                                 ( In in) my Wor
      float arr [5] = {12.5, 10.0, 13.5, 90.0, 0.53;
      float *ptr1 = &arr [0];
      float * ptr2 = ptr1+3;
      cout << ptr 2 << e
      cout << ptr 2 - ptr 1;
     neturn 0;
 3
                                  212
                                         216
                            208
                     204
             200
                                        0.5
             12.5
                                  90.0
                           13.5
                     10.0
                                               0/p => 212
                  ptr 2 - ptr 1
       *pto1
                                                       regid by the
                   => 212 - 200
                                 * ptr2
(1 adness 4 byte ka hai)
                                                       Oc = no toll
       Pointer
                                                          1 200 = 9
       withmetic
 (g) vold change bign (8nt *p)
                                                         ( ) russer took
         *p = (*p) * -1;
    Ent main ()
        Ent a = 10;
         change &ign (&a);
         cout « a « endl;
                                                       Bulgus - 108
15) (11) 600 3011
                           *p = *p * -1
        Output -> cont << a.
```





```
Qs int main ()
                             *ρ, ?=8;
          int *** 7 , * * 9, 9
         p = & :;
         (*p)++;
         9 = & P;
 1 > 200 (* *9)++;
         7 = & q;
                                             K 米米光元 3
         cout << * p << "
         neturn o;
     3
                        HI + Sugary
                                   Output: 10
                                                 10 10
94 vold increment (int **p)
                                  count is a se a se a se b ceenal;
        (**P)++;
    Ent main ()
Ent num = 10;
                        ( I walen
        ent *ptr = & num;
        inchement (& ptr);
        cout 4 mum cc endle;
     3
                             increment (
                                               \rightarrow 10++ = 11
            Output => 11
         Ola Ftyra
           RI - to good
```

P (Ent x y) 70 (Ent 2)