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```
Reason procedures to search on
     presnid
The
                    given listo
          in a
  element
# include a Staio. h>
    Include a conio. W
    void main()
      Clr Scr ();
     inta[5] = 21, 2, 3, 4,59;
     int Beg = I . Find = 5, temp = 0 mid. n°,
     print f (66 Enter any number \n");
      Scanf (66% of d', en):
     volville (temp = = 0 EE End > Beg)
      mid = (Fud + Beg) 12;
      if (n>a [mid])
      Beg = mid;
      if (nza [mid])
       Fud = mid:
       if (n==a[mid])
```

temp = 1; y (temp = =1) pointf("In % d is at location of d/n, n, mid); geten ():

```
selection sort technique.
H Include < St dio. h>
# Include ( conio. h>
   void main()
  clrser ();
  int i, j. temp. a [5] = 25, 2, 1, 4, 34;
  for (1=0, 1°2=4; 1°4+)
   FOX
   (i=1; 7 <= 4; j++)
  if (a [i] < a [j+1])
  temp = a (I);
  \alpha(i) = \alpha(i+i);
   a [j+1] = temb;
  Pos(1=0; (274; (+4)
  FOR ( i= 1; j <> 4; j++)
```

if (a [8) 29 [j+i]) temp = acj]: a[i] = a[j+1]: a [j+1] = temp; Por (i=0: i'z=4 " i++) Point of ( 60 of a d) n' a [i]); geth ();

```
The factorial of given number with reacusion.
    # include < Stdio. h7
    # includer conio.h7
        void main()
       CIRSCR ();
       unsigned int n;
      print of (66 Enter any number \n");
      Scanf (60% of d Mn);
      printy (00 The fectorial of % dis% /1"
            n, fact(n));
       getch ();
     ( long pact cursigned int H)
      if (x==0)
      return 1;
     else
    return fact (x-1)*x;
```

```
The faboraci series with recursion;
    # include < Station 17
     included conio . h?
     void main ()
      Clyscy ();
     · int n:
     void Hibo (int);
     printy 100 Futer any number (n");
     Scanf ( 66, 6 d ", &n);
     Pounty (" The fibonacei servier: ");
      Fibo (n);
      getch ();
      void fibo (int x)
     int a=0, b=1,; i;
     Print f (66% (0 d/n % 0, b);
    for(i=0; i21; ++)
     L
      C = a+b;
      pointy (600/0 aln", c);
      a=b;
      b = c;
```

```
Addition of two matrix using function.
     H includez stdio. h?
     H includer conio. h>
      int rowl, columbs:
    void matrix addition (int most 1 [][10], int mate
      [] [10] int most 3 [] [10]
       int i, j;
     Por (1=0; I < rows; 1++)
     For (i=0;) < columns; j++)
    mat 3 [i] [] = mat 1 [i][j] + mat 2[i][j];
     return.
     Jut main ()
   int matrix 1 [10] [10], matrix 2 [10] [10];
    int matrix 3 [10] [10], i, j;
   pointfle Futer the no of rows and (celumns 1=
         (0);");
     scanf (66% of of of of " bows, & column);
    POX (1=0; < 1 ]++) +
```

```
multiplication of two matrix.
     # includer staio. h?
     # includer coniooh?
         int main ()
       C(rscr()
      int a [10] [10], b [10] [10], c [b][10];
      int r, c, r2, (2)
      int i , i;
Print of 166 Enter the row and column of second
                      matrix :);
g cany ( 60 of od ", sx, , SCI);
printy (66 Enter the sow and column of second matrix:")
scanf (66/601 ! &x2, &c2);
if (C1; = 82);
print f ( " In matrix aure not multipication | n ");
printy 100 n enter element of matrix A: [n"];
for (1°=0; 12 81; j++)
 Scarf (66.01. d/t", fatijtj7;
```

```
point of (68 h. Futer element of matrix b: \n");
   POX (1=0°, < + j++)
  Scanf (60 olodln", & b Ti] [j]);
 for (1=0; (2=8; ; j++)
for (i=0; j'z columns; J++)
printy (60 of o Sd", moetrix 3 Ti] [];
print of (66/n");
myetulno;
```

Push # include < process. h> include < Statio. h> include L conio. h> and pop speration Z°

H define maxs // maximum that can be stored. number of element

int top = I, Stack [max];

void Void Void PUSH (); main (); POP ():

will be +{ when choice

Painty ( 66 In In I, push Int poplas, Disputylin C Print of (66 m\*\* stack many\* \* "); exiti);

paint ( & ( In In enter your chaire ( 1-4); 11); sant ( & 6 % of La); Switch (ch)

Stack (tob) = val;

print of (66 In Stell is = dot) Pi print of (66/11 Stack Could 1: Void 1010 case 2 : break: couse 3% break default: print f (16/11 wond choice!!"); top - top - 1: TOP (== -1){ display () Pop (); PUSH (, ); display (); empty 16 ol " Stack CTOP]

pap ()

by (top = = max-1)