```
Arrags
```

Cort << a [1] 2 to core constant a constant

int main () {
2 3 4 5
int n;
int n;

for (int i=0; i < n; ++;) {

(int >> a [i];

int sum=0;

for (int i=0; i < n; t t i) {

(sum= sum + a [i])

2

Sum = 2

(6u+22 sum 22 end 1; 2 + 3 = 5 = 20

3 2-d-array: n-diminial intaly) [3]

-0,0	0, 1	0,2
١,٥	1,1	1,2
2,0	2, \	2, 2
3,0	3, '	3,2

int main () &

int m, m;

int m, m;

(in>) m >>m;

int a [m] [m];

for (int i=o; i<m;++;) {

(in >> a[i] [i];

(in >> a[i] [i];

(co >+ << a[i] [i] <</p>

```
1 () min m +mi
   int n=117;
    ilal ptai
      a [m-1] = 7;
        ( out 12 a [ m-1] i
       } Segman-1000 lovet
  Himolude Lbits1 Std (++'n)
       Using rame space std;
    (1591 = m +m; tero)
        intalm);
         ) () a : pa +n:
             a(n-1) =7;
              ( C- m) p 2) + vo)
1) masc till i
aiven an array all of size no
 For every ; from otom-1
      out Put mass (afo), a[1], ... 9/1]
                                 mx = 8
           int main () &
                 int ni
                  (ins>ni
                  intalm);
                                               m > (= 5
                  for (:nt 1=0; icn; i++) {
                        ( Cinp (cai)
                   3 int mx = -1;
                  for (inticolicn itti)}
                       mx = max (mx, a (17))
                         Cont Krus Krang 1;
                        3 x (+ v) n 0 3
```

2) sum of all sub arrays; Given an array all of size m. out put sum of each subarray or the giver arroy 9500 Subarred 111 void sum of 911 Subarrays () intn; ((~))から int alm); for (int ; =0; ; <n; ++;) { (:1 25 a (:) } int (us=0; for (int i=0; i < n; i++) { (414) Y (tti a > i : i = i +mi) = of i (i) a + rru) = rrus ((urr += a (i);) (out << (urr 22 end (;)

```
3) Smallet Positive missing Number)
    (amuzon, samsung, smaldeal, Acolite)
Problem:
 find the smallest Positive missing number in the
     main () {
        in+n;
        in comi)
        inta [n] i
       for (intico; ich; itt) {
            (in) > a(i);
          constint N=196+2;
            bool (necie [N];
          for (int 120; icm ; i++) }
               check (i) = o: False:
             3
           for (int 1=0 1 ikn 1 i++) {
                  if (a (i) > = 0) {
                    (ne(ix [ali])=]; Tove;
             3 3
                 im ans = -1;
                 tox (int 1=1) i< N : 1++)}
                      if ( check (i) == false) {
                           ans= i ;
                FFF
                             break i
           -10
                 7 7
                             } ]_(out example endli
             Corrala tros
                                (a (;)
          2)
                         reture a (:) 1:;
                    1+ C:10
                           retvar alinti
                            ns:-(2)
```