x Array of any data type can be define

  int a[5] ; 2×5 = 10 bytes

  float f[10] ; 4×10 = 40 bytes

  double x[5] ; 8×5 = 40 bytes

  char city [10]; 1×10 = 10 bytes.

ACCESSING SINGLE DIAMENTIONAL ARRY ECMENTS

INPUT
          Accepting values into single diamential
array elments   0   1   2   3   4
int a[5]   as | 8 | 2 | 9 | 5 | 6 |
scanf ("%d", &a[0]);   ↑   ↑   ↑   ↑   ↑
scanf ("%d", &a[2]);
scant ("%d", &a[2]);
scant ("%d", &a[3]);
scanf ("%d", &a[4]);

          or
scanf ("%d %d %d %d %d", &a[0], &a[1], &a[2],
      &a[3], &a[4]);