Array

| **Type code** | **C Type** | **Python Type** | **Minimum size in bytes** |  |
| --- | --- | --- | --- | --- |
| 'b' | signed char | int | 1 |  |
| 'B' | unsigned char | int | 1 |  |
| 'u' | wchar\_t | Unicode character | 2 |
| 'h' | signed short | int | 2 |  |
| 'H' | unsigned short | int | 2 |  |
| 'i' | signed int | int | 2 |  |
| 'I' | unsigned int | int | 2 |  |
| 'l' | signed long | int | 4 |  |
| 'L' | unsigned long | int | 4 |  |
| 'q' | signed long long | int | 8 |  |
| 'Q' | unsigned long long | int | 8 |  |
| 'f' | float | float | 4 |  |
| 'd' | double | float | 8 |  |

from array import \*

n=array("i",[1,2,3,45,5,6,7,7,78,8])

# w=array(n.typecode,(a for a in n))

# w.reverse()

for i in range(n.\_\_len\_\_()):

print(n[i])

To inserrt the elements in an array by user

from array import \*

arr = array("i",[])

n=int(input("enter the number of elements in array"))

for i in range(n):

x=int(input("enter the values"))

arr.append(x)

print(arr)

To search the element in an array

from array import \*

arr = array("i",[])

n=int(input("enter the number of elements in array"))

for i in range(n):

x=int(input("enter the values"))

arr.append(x)

print(arr)

y= int(input("enter the number to be sarched"))

k=0

for e in arr:

if e==y:

print(k)

break

print(k)