Sachin → 463 // 464

int a_1 a_2 a_3 a_4 ..... a_{463} a_{464}

a_1 = scn.nextInt

a_2 = "

a_3 = "

:

a_{463} = "

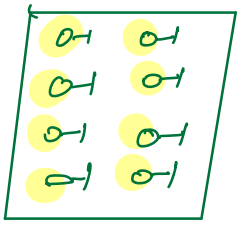
a_{464} = "

float avg = $\frac{a_1 + a_2 + a_3 + \ldots + a_{463} + a_{464}}{464}$

~~463~~

Arrays [Data structures]

↳ A collection of similar objects



// Declaration

int runs[]; int run;

// Initialisations

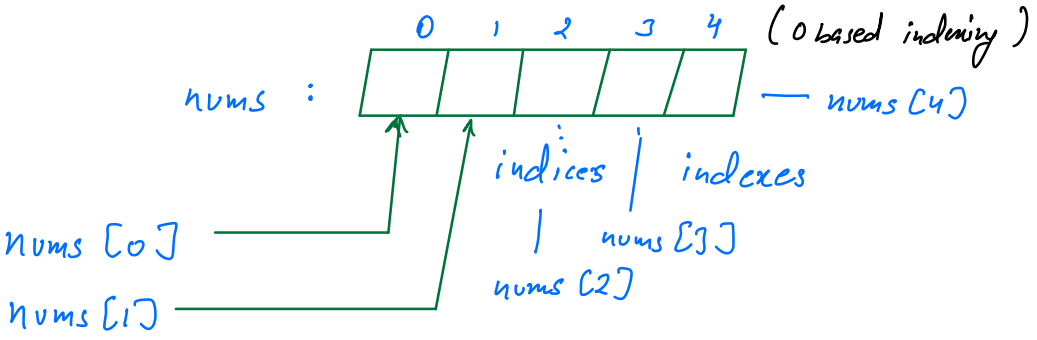
runs = new int[463]; run = 5

// Declaration & Initialisation

int runs[] = new int[463];

int[] runs = new int[463];

```
int nums[] = new int[5];
```




```
nums[0] = 5;
SOP(nums[0]);
```

```
nums[0] = 1
nums[1] = 5
nums[2] = 3
nums[3] = -1
nums[4] = -100
```

```
for(int i=0; i<5; i++){
    nums[i] = scn.nextInt()
}
```

```
for(int i=0; i<5; i++){
    SOP(nums[i]);
}
```

```
int size = scn.nextInt();
int nums[] = new int[size];
```

```
for( int i=0; i<size; i++ ){
        nums[i]=  scn.nextInt()
}

for( int i=0; i<size ; i++ ){
            SOP ( nums[i]);
}
```