

## Using for-each Loop ( Also called as enhanced for loop)

```

int arr = { 10, 20, 30, 40, 50 };
int i;

for ( int i = 0; i < arr.length; i++) {
    sum(arr[i]);
    arr[i] = arr[i] + 2;
}

for ( int x : arr ) {
    sum(x);
    x = x + 2; // 10, 20, 30, 40, 50
}

```

Diagram illustrating the enhanced for loop:

## Syntax

```

for ( <data type> <var> : <array-name> )
{
    // ...
}

```