

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int *x;
```

```
    int n;
```

```
    cout << "please enter how many num you want to use : ";
```

```
    cin >> n;
```

```
    x = new int[n];
```

```
    cout << "Please enter " << n << " numbers : " << endl;
```

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

```
    {
```

```
        cout << "number " << (i + 1) << " is : ";
```

```
        cin >> x[i];
```

```
    }
```

```
    cout << "the num you enter are : " << endl;
```

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

```
    {
```

```
        cout << *(x+i) << ", ";
```

```
    }
```

```
    delete [] x;
```

```
    return 0;
```

```
}
```