

```
#include <stdio.h>
```

```
int main() {
```

```
    int array[100] = {10, 20, 30, 40, 50};
```

```
    int size = 5;
```

```
    int position = 2;
```

```
    if (position < 0 || position >= size) {
```

```
        printf("Invalid position!\n");
```

```
        return 1;
```

```
    }
```

```
    for (int i = position; i < size - 1; i++) {
```

```
        array[i] = array[i + 1];
```

```
    }
```

```
    size--;
```

```
    printf("Array after deletion: ");
```

```
    for (int i = 0; i < size; i++) {
```

```
        printf("%d ", array[i]);
```

```
    }
```

```
    printf("\n");
```

```
return 0;  
  
}
```

