

```
CALLGRIND_START_INSTRUMENTATION;
```

 4005

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

```
    {
```

 7000

```
        intArray[i] = i;
```

```
    }
```

14

```
    srand(time(NULL));
```

```
CALLGRIND_STOP_INSTRUMENTATION;
```