```
                                class Example {
int x;                              static int x;
int * hello(int y) {                int[] hello(int y) {
  int * res = malloc(8);              int[] res = new int[2];
  res[0] = x + 10;                    res[0] = x + 10;
  res[1] = y + x;                     res[1] = y + x;
  return res;                         return res;
}                                   }
```

Stack

Heap

Data

Code