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