```
Stack
                         class Example {
                            static int x;
int x
int * hello(int v)
                            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
```