```java
 1  /*
 2      Memory address register: either stores the
 memory address
 3      from which data will be fetched from the CPU, or
 the address
 4      to which data will be sent and stored
 5  */
 6  package simple_computer_simulation;
 7
 8  /**
 9   *
10   * @author bhitt
11   */
12  public class MemoryAddressRegister {
13      //Properties
14      private Integer val;
15
16      //Default Constructor
17      MemoryAddressRegister(){
18          val = 0;
19      }
20
21      //Mutator
22      void set(Integer value){
23          val=value;
24      }
25
26      //Accessor
27      Integer get(){
28          return val;
29      }
30
31  }
32
```

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