```
 \texttt{Printing C:} \\ \texttt{Users bhitt} \\ \texttt{Desktop} \\ \texttt{Computer\_Architecture} \\ \texttt{Simple\_Computer\_Simulation\_3} \\ \texttt{src} \\ \texttt{simple\_computer\_simulation} \\ \texttt{ProgramCounter\_information} \\ \texttt{prog
       1 /*
       2
                                             Program Counter: holds the next address of
instruction
       3 */
      4 package simple computer simulation;
      6 /**
       7 *
       8 * @author bhitt
       9 */
10 public class ProgramCounter {
                                            //Properties
11
                                            private Integer address;
12
                                          //Default Constructor
13
14
                                             ProgramCounter() {
15
                                                                        address=0;
16
                                         //Mutator
17
                                            void setCounter(Integer add) {
18
19
                                                                        address = add;
2.0
21
                                           //Accessor
22
                                             Integer getCounter(){
23
                                                                        return address;
24
                                              }
25 }
26
```