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| Methods | Errors | Corrections |
| 1. open\_token\_stream(String fname) | If(fname.equals(null)) | If(fname == (null)) |
| 1. get\_token(Bufferedreader br) | If(ch == ‘ “ ‘id = 2;  If ch == 59)id =1; | If(ch == ‘ “ ‘id = 1;  If ch == 59)id =2; |
| 1. print\_token(string tok) | Missing print string code line | Print String line of code added |
| 1. is\_num\_constant(string str) | While ( i<=str.length()&&str.charAt(i) != ‘\0’) | While ( i < str.length()&&str.charAt(i) != ‘\0’) |
| 1. is\_num\_constant(String str) | If(Character.isDigit(str.charAt(i+1)) | If(Character.isDigit(str.charAt(i)) |
| 1. is\_str\_constant(String str) | /\*end while\*/  return true; | /\*end while\*/  return false; |
| 1. is\_identifier(String str) | /\*end while\*/  return false; | /\*end while\*/  return true; |
| 1. is\_identifier(String str) | }  else  return true; | }  else  return false; |
| 1. print\_spec\_symbol(string str) | If(str.equals(“{“)){ | If(str.equals(“(“)){ |
| 1. print\_spec\_symbol(string str) | missing code to identify and print out comma | Add code to identify comma and print out |
| 1. is\_spec\_symbol(Char c) | If(c == ‘/’){  return true  } | If(c == ‘”’){  return true  } |
| 1. main(String[] args) | If(args.length == 0){  Fname = new String();  } | If(args.length == 0){  Fname = null;  } |