Case Input

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| --- | --- |
| Case 1: | void class() {  boolean attendance, cancelled;  int total, students;  total = 20;  if(students>0)  attendence true;  else  attendance false;  while (students>total){  students = students - 1;  }  if (students<total && students>10)  cancelled = false;  else  cancelled = true;  } |
| Case 2: | void main() {  int whole, decimal;  whole = 16;  decimal = 4.4;  } |
| Case 3: | void main() {  int one, two;  boolean greater, lesser;  one = 36;  two = 25;  if(one>two)  greater = true;  if(two>one)  lesser = true;  } |
| Case 4: | void main() {  int min, max, range;  min = 0;  max = 10;  range = max - min;  } |
| Case 5: | main  if {  else  }  integer  int  bool  boolean  // leaning  boo  int 49ers  49ers = 64.4 // yields lexical error on "."  ; |
| Case 6: | void main(){  int n;  int counter;  int sum;  sum = 0;  if(counter>=m) {  sum = sum + counter;  counter = counter + 1;  }  } |
| Case 7: | void main(){  int one;  int two;  int min;  if (one <= two )  min == one;  else  min == two;  } |
| Case 8: | void main() {  int temp;  temp = 40;  boolean jacket;  if (temp>40 | temp<60) // yields lexical error for using | instead of ||  jacket = true;  else  jacket = false;  } |
| Case 9: | hello  how  are  you  ? // wrong  I  am  feeling  good  \t  \\ comment  \*\*\*  end |
| Case 10: | void main(){  int number;  int counter;  number=1;  counter = 0;  while(number > counter)  number = number + counter;  counter = 0;  } |
| Case 11: | hello, world!  Integer  81eightyone  3+6=9  6>=4  4<=9  9>=81  /n  \\n //won't work because first \ |
| Case 12: | // we are going to test out slashes  /  //  ///  ////  //\  // These all should work  \t  \r  \n  \f  \r\n  // These should not  \\ comment  \\n  \\t  // weirdness to test  \/  //\  /\\/\  /\/\  /\/  //  \\\//\  //\\/  /\\/\\//\ |
| Case 13: | // we are going to test variations of the equals sign  ==  =  ===  ====  =!==  =!=  !!= //shouldn't work?  <=  >=  =<  =>  ====!==!!= // shouldn't work because of !! |
| Case 14: | // we are going to test symbols of all kinds thrown in the lexical syntax  !  @ // expected error  #  $ // expected error  % // expected error  ^ // expected error  \*  (  )  \_ // expected error  +  =  -  | // expected error  \ // expected error  \\ // expected error  ` // expected error  ~ // expected error  ;  ' // expected error  ,  ' // expected error  :  " // expected error  " // expected error  <  >  ? // expected error |
| Case 15: | void main(){  boolean sum;  int counter;  while(counter<10) {  if(counter>1)  sum = sum + counter;  }  } |
| Case 16: | // we will test comments now  // Anything after this will be ignored  /// unless there is a certain command at the end  // an aexample command is \r  // or \n  // or the two together like this \r\n  // let's test this \r if it works this text should be read?  // we are testing to see if \n will stop the line  // or if \r\n would work  // how would \n\r  // be read? |
| Case 17: | void main() {  int altitude, speed; //let's say meters and seconds  boolean space; // might not work because "space" is defined in whitespace  altitude = 0;  speed = 790; // random number  while (speed > 0) {  altitude = altitude + speed;  speed = speed - (speed/1.3);  }  if (altitude > 100000)  space = true;  else  space = false;  } |
| Case 18: | // here we will test letters and certain phrases  boolean  Boolean  BOOLEAN  BoOlEaN  bOoLeAn  bool  int  integer  Integere  Integer  space  if  then  else  void  main  while  for |
| Case 19: | // here we will test OR and AND  this OR that  this or that  this || that  this \/ that  these AND those  these and those  these & those  these && those |
| Case 20: | // here we will test various naming conventions to make sure they aren't flagged  InputElement  WhiteSpace  Comment  Token  space  Comments  Identifier  Keyword  Literal  Seperator  Operator  Letter  Digit  Boolean  Integer  true  false |
| Case 21: | void main() {  int rbi, homeruns;  int strike, strikeouts, outs;  if (homeruns > 0)  rbi = rbi + homeruns;  if (strike = 3) {  strikeouts = stirkeouts + 1;  outs = outs + 1;  strike = 0;  }  if (outs = 3)  outs = 0;  } |
| Case 22: | // this is not a way to make comments in JAY  /\*\*\*this works  for Java for multiline  comments  but won't in JAY\*\*\*/  <!---this is a comment in html but not JAY--->  //the only way to correctly make comments is a double backslash |
| Case 23: | void main() {  int train, time;  boolean delay, early;  if (train > (time+3))  delay = true;  if (train < (time-3))  early = true;  if (delay = true)  early = false;  if (early = true)  delay = false;  } |
| Case 24: | void main() {  int temp, inchesOfSnow;  boolean skiing;  if (temp <= 36, inchesOfSnow >= 2)  skiing = true;  else  skiing = false;  } |
| Case 25: | void main() {  int age;  boolean baby, child, teen, adult, senior;  if (age < 4)  baby = true;  if (age >= 4 && age < 13)  child = true;  if (age >= 13 && age < 18)  teen = true;  if (age >= 18)  adult = true;  if (age = 18 || age = 19) {  teen = true;  adult = true;  }  if (age >= 65) {  adult = true;  senior = true;  }  } |
| Case 26: | void main() {  void main() {  boolean confusion, enlightenment;  confusion = true;  if (enlightenment = true)  confusion = false;  }  } |

Case Output

|  |  |
| --- | --- |
| Case 1: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Identifier Value: class  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: boolean  Token 7  Type: Identifier Value: attendance  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: cancelled  Token 10  Type: Separator Value: ;  Token 11  Type: Keyword Value: int  Token 12  Type: Identifier Value: total  Token 13  Type: Separator Value: ,  Token 14  Type: Identifier Value: students  Token 15  Type: Separator Value: ;  Token 16  Type: Identifier Value: total  Token 17  Type: Operator Value: =  Token 18  Type: Integer-Literal Value: 20  Token 19  Type: Separator Value: ;  Token 20  Type: Keyword Value: if  Token 21  Type: Separator Value: (  Token 22  Type: Identifier Value: students  Token 23  Type: Operator Value: >  Token 24  Type: Integer-Literal Value: 0  Token 25  Type: Separator Value: )  Token 26  Type: Identifier Value: attendence  Token 27  Type: Identifier Value: true  Token 28  Type: Separator Value: ;  Token 29  Type: Keyword Value: else  Token 30  Type: Identifier Value: attendance  Token 31  Type: Identifier Value: false  Token 32  Type: Separator Value: ;  Token 33  Type: Keyword Value: while  Token 34  Type: Separator Value: (  Token 35  Type: Identifier Value: students  Token 36  Type: Operator Value: >  Token 37  Type: Identifier Value: total  Token 38  Type: Separator Value: )  Token 39  Type: Separator Value: {  Token 40  Type: Identifier Value: students  Token 41  Type: Operator Value: =  Token 42  Type: Identifier Value: students  Token 43  Type: Operator Value: -  Token 44  Type: Integer-Literal Value: 1  Token 45  Type: Separator Value: ;  Token 46  Type: Separator Value: }  Token 47  Type: Keyword Value: if  Token 48  Type: Separator Value: (  Token 49  Type: Identifier Value: students  Token 50  Type: Operator Value: <  Token 51  Type: Identifier Value: total  Token 52  Type: Operator Value: &&  Token 53  Type: Identifier Value: students  Token 54  Type: Operator Value: >  Token 55  Type: Integer-Literal Value: 10  Token 56  Type: Separator Value: )  Token 57  Type: Identifier Value: cancelled  Token 58  Type: Operator Value: =  Token 59  Type: Identifier Value: false  Token 60  Type: Separator Value: ;  Token 61  Type: Keyword Value: else  Token 62  Type: Identifier Value: cancelled  Token 63  Type: Operator Value: =  Token 64  Type: Identifier Value: true  Token 65  Type: Separator Value: ;  Token 66  Type: Separator Value: } |
| Case 2: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: whole  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: decimal  Token 10  Type: Separator Value: ;  Token 11  Type: Identifier Value: whole  Token 12  Type: Operator Value: =  Token 13  Type: Integer-Literal Value: 16  Token 14  Type: Separator Value: ;  Token 15  Type: Identifier Value: decimal  Token 16  Type: Operator Value: =  Token 17  Type: Other Value: 4.4  Token 18  Type: Separator Value: ;  Token 19  Type: Separator Value: } |
| Case 3: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: one  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: two  Token 10  Type: Separator Value: ;  Token 11  Type: Keyword Value: boolean  Token 12  Type: Identifier Value: greater  Token 13  Type: Separator Value: ,  Token 14  Type: Identifier Value: lesser  Token 15  Type: Separator Value: ;  Token 16  Type: Identifier Value: one  Token 17  Type: Operator Value: =  Token 18  Type: Integer-Literal Value: 36  Token 19  Type: Separator Value: ;  Token 20  Type: Identifier Value: two  Token 21  Type: Operator Value: =  Token 22  Type: Integer-Literal Value: 25  Token 23  Type: Separator Value: ;  Token 24  Type: Keyword Value: if  Token 25  Type: Separator Value: (  Token 26  Type: Identifier Value: one  Token 27  Type: Operator Value: >  Token 28  Type: Identifier Value: two  Token 29  Type: Separator Value: )  Token 30  Type: Identifier Value: greater  Token 31  Type: Operator Value: =  Token 32  Type: Identifier Value: true  Token 33  Type: Separator Value: ;  Token 34  Type: Keyword Value: if  Token 35  Type: Separator Value: (  Token 36  Type: Identifier Value: two  Token 37  Type: Operator Value: >  Token 38  Type: Identifier Value: one  Token 39  Type: Separator Value: )  Token 40  Type: Identifier Value: lesser  Token 41  Type: Operator Value: =  Token 42  Type: Identifier Value: true  Token 43  Type: Separator Value: ;  Token 44  Type: Separator Value: } |
| Case 4: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: min  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: max  Token 10  Type: Separator Value: ,  Token 11  Type: Identifier Value: range  Token 12  Type: Separator Value: ;  Token 13  Type: Identifier Value: min  Token 14  Type: Operator Value: =  Token 15  Type: Integer-Literal Value: 0  Token 16  Type: Separator Value: ;  Token 17  Type: Identifier Value: max  Token 18  Type: Operator Value: =  Token 19  Type: Integer-Literal Value: 10  Token 20  Type: Separator Value: ;  Token 21  Type: Identifier Value: range  Token 22  Type: Operator Value: =  Token 23  Type: Identifier Value: max  Token 24  Type: Operator Value: -  Token 25  Type: Identifier Value: min  Token 26  Type: Separator Value: ;  Token 27  Type: Separator Value: } |
| Case 5: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: main  Token 2  Type: Keyword Value: if  Token 3  Type: Separator Value: {  Token 4  Type: Keyword Value: else  Token 5  Type: Separator Value: }  Token 6  Type: Identifier Value: integer  Token 7  Type: Keyword Value: int  Token 8  Type: Identifier Value: bool  Token 9  Type: Keyword Value: boolean  Token 10  Token is null  Token 11  Type: Identifier Value: boo  Token 12  Type: Keyword Value: int  Token 13  Type: Other Value: 49ers  Token 14  Type: Other Value: 49ers  Token 15  Type: Operator Value: =  Token 16  Type: Other Value: 64.4  Token 17  Token is null  Token 18  Type: Separator Value: ; |
| Case 6: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: n  Token 8  Type: Separator Value: ;  Token 9  Type: Keyword Value: int  Token 10  Type: Identifier Value: counter  Token 11  Type: Separator Value: ;  Token 12  Type: Keyword Value: int  Token 13  Type: Identifier Value: sum  Token 14  Type: Separator Value: ;  Token 15  Type: Identifier Value: sum  Token 16  Type: Operator Value: =  Token 17  Type: Integer-Literal Value: 0  Token 18  Type: Separator Value: ;  Token 19  Type: Keyword Value: if  Token 20  Type: Separator Value: (  Token 21  Type: Identifier Value: counter  Token 22  Type: Operator Value: >=  Token 23  Type: Identifier Value: m  Token 24  Type: Separator Value: )  Token 25  Type: Separator Value: {  Token 26  Type: Identifier Value: sum  Token 27  Type: Operator Value: =  Token 28  Type: Identifier Value: sum  Token 29  Type: Operator Value: +  Token 30  Type: Identifier Value: counter  Token 31  Type: Separator Value: ;  Token 32  Type: Identifier Value: counter  Token 33  Type: Operator Value: =  Token 34  Type: Identifier Value: counter  Token 35  Type: Operator Value: +  Token 36  Type: Integer-Literal Value: 1  Token 37  Type: Separator Value: ;  Token 38  Type: Separator Value: }  Token 39  Type: Separator Value: } |
| Case 7: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: one  Token 8  Type: Separator Value: ;  Token 9  Type: Keyword Value: int  Token 10  Type: Identifier Value: two  Token 11  Type: Separator Value: ;  Token 12  Type: Keyword Value: int  Token 13  Type: Identifier Value: min  Token 14  Type: Separator Value: ;  Token 15  Type: Keyword Value: if  Token 16  Type: Separator Value: (  Token 17  Type: Identifier Value: one  Token 18  Type: Operator Value: <=  Token 19  Type: Identifier Value: two  Token 20  Type: Separator Value: )  Token 21  Type: Identifier Value: min  Token 22  Type: Operator Value: ==  Token 23  Type: Identifier Value: one  Token 24  Type: Separator Value: ;  Token 25  Type: Keyword Value: else  Token 26  Type: Identifier Value: min  Token 27  Type: Operator Value: ==  Token 28  Type: Identifier Value: two  Token 29  Type: Separator Value: ;  Token 30  Type: Separator Value: } |
| Case 8: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: temp  Token 8  Type: Separator Value: ;  Token 9  Type: Identifier Value: temp  Token 10  Type: Operator Value: =  Token 11  Type: Integer-Literal Value: 40  Token 12  Type: Separator Value: ;  Token 13  Type: Keyword Value: boolean  Token 14  Type: Identifier Value: jacket  Token 15  Type: Separator Value: ;  Token 16  Type: Keyword Value: if  Token 17  Type: Separator Value: (  Token 18  Type: Identifier Value: temp  Token 19  Type: Operator Value: >  Token 20  Type: Integer-Literal Value: 40  Token 21  Type: Operator Value: |  Token 22  Type: Identifier Value: temp  Token 23  Type: Operator Value: <  Token 24  Type: Integer-Literal Value: 60  Token 25  Type: Separator Value: )  Token 26  Token is null  Token 27  Type: Identifier Value: jacket  Token 28  Type: Operator Value: =  Token 29  Type: Identifier Value: true  Token 30  Type: Separator Value: ;  Token 31  Type: Keyword Value: else  Token 32  Type: Identifier Value: jacket  Token 33  Type: Operator Value: =  Token 34  Type: Identifier Value: false  Token 35  Type: Separator Value: ;  Token 36  Type: Separator Value: } |
| Case 9: | C:\Users\John\Desktop\file.txt  Token 1  Type: Identifier Value: hello  Token 2  Type: Identifier Value: how  Token 3  Type: Identifier Value: are  Token 4  Type: Identifier Value: you  Token 5  Type: Other Value: ?  Token 6  Token is null  Token 7  Type: Identifier Value: I  Token 8  Type: Identifier Value: am  Token 9  Type: Identifier Value: feeling  Token 10  Type: Identifier Value: good  Token 11  Type: Other Value: \t  Token 12  Type: Other Value: \\  Token 13  Type: Identifier Value: comment  Token 14  Type: Separator Value: (  Token 15  Type: Identifier Value: not  Token 16  Type: Separator Value: )  Token 17  Token is null  Token 18  Type: Operator Value: \*  Token 19  Type: Operator Value: \*  Token 20  Type: Operator Value: \*  Token 21  Type: Identifier Value: end |
| Case 10: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: number  Token 8  Type: Separator Value: ;  Token 9  Type: Keyword Value: int  Token 10  Type: Identifier Value: counter  Token 11  Type: Separator Value: ;  Token 12  Type: Identifier Value: number  Token 13  Type: Operator Value: =  Token 14  Type: Integer-Literal Value: 1  Token 15  Type: Separator Value: ;  Token 16  Type: Identifier Value: counter  Token 17  Type: Operator Value: =  Token 18  Type: Integer-Literal Value: 0  Token 19  Type: Separator Value: ;  Token 20  Type: Keyword Value: while  Token 21  Type: Separator Value: (  Token 22  Type: Identifier Value: number  Token 23  Type: Operator Value: >  Token 24  Type: Identifier Value: counter  Token 25  Type: Separator Value: )  Token 26  Type: Identifier Value: number  Token 27  Type: Operator Value: =  Token 28  Type: Identifier Value: number  Token 29  Type: Operator Value: +  Token 30  Type: Identifier Value: counter  Token 31  Type: Separator Value: ;  Token 32  Type: Identifier Value: counter  Token 33  Type: Operator Value: =  Token 34  Type: Integer-Literal Value: 0  Token 35  Type: Separator Value: ;  Token 36  Type: Separator Value: } |
| Case 11: | C:\Users\John\Desktop\file.txt  Token 1  Type: Identifier Value: hello  Token 2  Type: Separator Value: ,  Token 3  Type: Identifier Value: world  Token 4  Type: Operator Value: !  Token 5  Type: Identifier Value: Integer  Token 6  Type: Other Value: 81eightyone  Token 7  Type: Integer-Literal Value: 3  Token 8  Type: Operator Value: +  Token 9  Type: Integer-Literal Value: 6  Token 10  Type: Operator Value: =  Token 11  Type: Integer-Literal Value: 9  Token 12  Type: Integer-Literal Value: 6  Token 13  Type: Operator Value: >=  Token 14  Type: Integer-Literal Value: 4  Token 15  Type: Integer-Literal Value: 4  Token 16  Type: Operator Value: <=  Token 17  Type: Integer-Literal Value: 9  Token 18  Type: Integer-Literal Value: 9  Token 19  Type: Operator Value: >=  Token 20  Type: Integer-Literal Value: 81  Token 21  Type: Operator Value: /  Token 22  Type: Identifier Value: n  Token 23  Type: Other Value: \\n  Token 24  Token is null |
| Case 12: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Type: Operator Value: /  Token 3  Token is null  Token 4  Token is null  Token 5  Token is null  Token 6  Token is null  Token 7  Token is null  Token 8  Type: Other Value: \t  Token 9  Type: Other Value: \r  Token 10  Type: Other Value: \n  Token 11  Type: Other Value: \f  Token 12  Type: Other Value: \r\n  Token 13  Token is null  Token 14  Type: Other Value: \\  Token 15  Type: Identifier Value: comment  Token 16  Type: Other Value: \\n  Token 17  Type: Other Value: \\t  Token 18  Token is null  Token 19  Type: Other Value: \  Token 20  Type: Operator Value: /  Token 21  Token is null  Token 22  Type: Operator Value: /\  Token 23  Type: Other Value: \  Token 24  Type: Operator Value: /\  Token 25  Type: Operator Value: /\  Token 26  Type: Operator Value: /\  Token 27  Type: Operator Value: /\  Token 28  Type: Operator Value: /  Token 29  Token is null  Token 30  Type: Other Value: \\\  Token 31  Token is null  Token 32  Token is null  Token 33  Type: Operator Value: /\  Token 34  Type: Other Value: \  Token 35  Type: Operator Value: /\  Token 36  Type: Other Value: \  Token 37  Token is null |
| Case 13: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Type: Operator Value: ==  Token 3  Type: Operator Value: =  Token 4  Type: Operator Value: ==  Token 5  Type: Operator Value: =  Token 6  Type: Operator Value: ==  Token 7  Type: Operator Value: ==  Token 8  Type: Operator Value: =  Token 9  Type: Operator Value: !=  Token 10  Type: Operator Value: =  Token 11  Type: Operator Value: =  Token 12  Type: Operator Value: !=  Token 13  Type: Operator Value: !  Token 14  Type: Operator Value: !=  Token 15  Token is null  Token 16  Type: Operator Value: <=  Token 17  Type: Operator Value: >=  Token 18  Type: Operator Value: =  Token 19  Type: Operator Value: <  Token 20  Type: Operator Value: =  Token 21  Type: Operator Value: >  Token 22  Type: Operator Value: ==  Token 23  Type: Operator Value: ==  Token 24  Type: Operator Value: !=  Token 25  Type: Operator Value: =  Token 26  Type: Operator Value: !  Token 27  Type: Operator Value: !=  Token 28  Token is null |
| Case 14: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Type: Operator Value: !  Token 3  Type: Other Value: @  Token 4  Token is null  Token 5  Type: Other Value: #  Token 6  Type: Other Value: $  Token 7  Token is null  Token 8  Type: Other Value: %  Token 9  Token is null  Token 10  Type: Other Value: ^  Token 11  Token is null  Token 12  Type: Operator Value: \*  Token 13  Type: Separator Value: (  Token 14  Type: Separator Value: )  Token 15  Type: Other Value: \_  Token 16  Token is null  Token 17  Type: Operator Value: +  Token 18  Type: Operator Value: =  Token 19  Type: Operator Value: -  Token 20  Type: Operator Value: |  Token 21  Token is null  Token 22  Type: Other Value: \  Token 23  Token is null  Token 24  Type: Other Value: \\  Token 25  Token is null  Token 26  Type: Other Value: `  Token 27  Token is null  Token 28  Type: Other Value: ~  Token 29  Token is null  Token 30  Type: Separator Value: ;  Token 31  Type: Other Value: '  Token 32  Token is null  Token 33  Type: Separator Value: ,  Token 34  Type: Other Value: '  Token 35  Token is null  Token 36  Type: Other Value: :  Token 37  Type: Other Value: "  Token 38  Token is null  Token 39  Type: Other Value: "  Token 40  Token is null  Token 41  Type: Operator Value: <  Token 42  Type: Operator Value: >  Token 43  Type: Other Value: ?  Token 44  Token is null |
| Case 15: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: boolean  Token 7  Type: Identifier Value: sum  Token 8  Type: Separator Value: ;  Token 9  Type: Keyword Value: int  Token 10  Type: Identifier Value: counter  Token 11  Type: Separator Value: ;  Token 12  Type: Keyword Value: while  Token 13  Type: Separator Value: (  Token 14  Type: Identifier Value: counter  Token 15  Type: Operator Value: <  Token 16  Type: Integer-Literal Value: 10  Token 17  Type: Separator Value: )  Token 18  Type: Separator Value: {  Token 19  Type: Keyword Value: if  Token 20  Type: Separator Value: (  Token 21  Type: Identifier Value: counter  Token 22  Type: Operator Value: >  Token 23  Type: Integer-Literal Value: 1  Token 24  Type: Separator Value: )  Token 25  Type: Identifier Value: sum  Token 26  Type: Operator Value: =  Token 27  Type: Identifier Value: sum  Token 28  Type: Operator Value: +  Token 29  Type: Identifier Value: counter  Token 30  Type: Separator Value: ;  Token 31  Type: Separator Value: }  Token 32  Type: Separator Value: } |
| Case 16: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Token is null  Token 3  Token is null  Token 4  Token is null  Token 5  Token is null  Token 6  Token is null  Token 7  Token is null  Token 8  Token is null  Token 9  Token is null  Token 10  Token is null  Token 11  Token is null |
| Case 17: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: altitude  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: speed  Token 10  Type: Separator Value: ;  Token 11  Token is null  Token 12  Type: Keyword Value: boolean  Token 13  Type: Identifier Value: space  Token 14  Type: Separator Value: ;  Token 15  Token is null  Token 16  Type: Identifier Value: altitude  Token 17  Type: Operator Value: =  Token 18  Type: Integer-Literal Value: 0  Token 19  Type: Separator Value: ;  Token 20  Type: Identifier Value: speed  Token 21  Type: Operator Value: =  Token 22  Type: Integer-Literal Value: 790  Token 23  Type: Separator Value: ;  Token 24  Token is null  Token 25  Type: Keyword Value: while  Token 26  Type: Separator Value: (  Token 27  Type: Identifier Value: speed  Token 28  Type: Operator Value: >  Token 29  Type: Integer-Literal Value: 0  Token 30  Type: Separator Value: )  Token 31  Type: Separator Value: {  Token 32  Type: Identifier Value: altitude  Token 33  Type: Operator Value: =  Token 34  Type: Identifier Value: altitude  Token 35  Type: Operator Value: +  Token 36  Type: Identifier Value: speed  Token 37  Type: Separator Value: ;  Token 38  Type: Identifier Value: speed  Token 39  Type: Operator Value: =  Token 40  Type: Identifier Value: speed  Token 41  Type: Operator Value: -  Token 42  Type: Separator Value: (  Token 43  Type: Identifier Value: speed  Token 44  Type: Operator Value: /  Token 45  Type: Other Value: 1.3  Token 46  Type: Separator Value: )  Token 47  Type: Separator Value: ;  Token 48  Type: Separator Value: }  Token 49  Type: Keyword Value: if  Token 50  Type: Separator Value: (  Token 51  Type: Identifier Value: altitude  Token 52  Type: Operator Value: >  Token 53  Type: Integer-Literal Value: 100000  Token 54  Type: Separator Value: )  Token 55  Type: Identifier Value: space  Token 56  Type: Operator Value: =  Token 57  Type: Identifier Value: true  Token 58  Type: Separator Value: ;  Token 59  Type: Keyword Value: else  Token 60  Type: Identifier Value: space  Token 61  Type: Operator Value: =  Token 62  Type: Identifier Value: false  Token 63  Type: Separator Value: ;  Token 64  Type: Separator Value: } |
| Case 18: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Type: Keyword Value: boolean  Token 3  Type: Identifier Value: Boolean  Token 4  Type: Identifier Value: BOOLEAN  Token 5  Type: Identifier Value: BoOlEaN  Token 6  Type: Identifier Value: bOoLeAn  Token 7  Type: Identifier Value: bool  Token 8  Type: Keyword Value: int  Token 9  Type: Identifier Value: integer  Token 10  Type: Identifier Value: Integere  Token 11  Type: Identifier Value: Integer  Token 12  Type: Identifier Value: space  Token 13  Type: Keyword Value: if  Token 14  Type: Identifier Value: then  Token 15  Type: Keyword Value: else  Token 16  Type: Keyword Value: void  Token 17  Type: Keyword Value: main  Token 18  Type: Keyword Value: while  Token 19  Type: Identifier Value: for |
| Case 19: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Type: Identifier Value: this  Token 3  Type: Identifier Value: OR  Token 4  Type: Identifier Value: that  Token 5  Type: Identifier Value: this  Token 6  Type: Identifier Value: or  Token 7  Type: Identifier Value: that  Token 8  Type: Identifier Value: this  Token 9  Type: Operator Value: ||  Token 10  Type: Identifier Value: that  Token 11  Type: Identifier Value: this  Token 12  Type: Other Value: \  Token 13  Type: Operator Value: /  Token 14  Type: Identifier Value: that  Token 15  Type: Identifier Value: these  Token 16  Type: Identifier Value: AND  Token 17  Type: Identifier Value: those  Token 18  Type: Identifier Value: these  Token 19  Type: Identifier Value: and  Token 20  Type: Identifier Value: those  Token 21  Type: Identifier Value: these  Token 22  Type: Operator Value: &  Token 23  Type: Identifier Value: those  Token 24  Type: Identifier Value: these  Token 25  Type: Operator Value: &&  Token 26  Type: Identifier Value: those |
| Case 20: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Type: Identifier Value: InputElement  Token 3  Type: Identifier Value: WhiteSpace  Token 4  Type: Identifier Value: Comment  Token 5  Type: Identifier Value: Token  Token 6  Type: Identifier Value: space  Token 7  Type: Identifier Value: Comments  Token 8  Type: Identifier Value: Identifier  Token 9  Type: Identifier Value: Keyword  Token 10  Type: Identifier Value: Literal  Token 11  Type: Identifier Value: Seperator  Token 12  Type: Identifier Value: Operator  Token 13  Type: Identifier Value: Letter  Token 14  Type: Identifier Value: Digit  Token 15  Type: Identifier Value: Boolean  Token 16  Type: Identifier Value: Integer  Token 17  Type: Identifier Value: true  Token 18  Type: Identifier Value: false |
| Case 21: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: rbi  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: homeruns  Token 10  Type: Separator Value: ;  Token 11  Type: Keyword Value: int  Token 12  Type: Identifier Value: strike  Token 13  Type: Separator Value: ,  Token 14  Type: Identifier Value: strikeouts  Token 15  Type: Separator Value: ,  Token 16  Type: Identifier Value: outs  Token 17  Type: Separator Value: ;  Token 18  Type: Keyword Value: if  Token 19  Type: Separator Value: (  Token 20  Type: Identifier Value: homeruns  Token 21  Type: Operator Value: >  Token 22  Type: Integer-Literal Value: 0  Token 23  Type: Separator Value: )  Token 24  Type: Identifier Value: rbi  Token 25  Type: Operator Value: =  Token 26  Type: Identifier Value: rbi  Token 27  Type: Operator Value: +  Token 28  Type: Identifier Value: homeruns  Token 29  Type: Separator Value: ;  Token 30  Type: Keyword Value: if  Token 31  Type: Separator Value: (  Token 32  Type: Identifier Value: strike  Token 33  Type: Operator Value: =  Token 34  Type: Integer-Literal Value: 3  Token 35  Type: Separator Value: )  Token 36  Type: Separator Value: {  Token 37  Type: Identifier Value: strikeouts  Token 38  Type: Operator Value: =  Token 39  Type: Identifier Value: stirkeouts  Token 40  Type: Operator Value: +  Token 41  Type: Integer-Literal Value: 1  Token 42  Type: Separator Value: ;  Token 43  Type: Identifier Value: outs  Token 44  Type: Operator Value: =  Token 45  Type: Identifier Value: outs  Token 46  Type: Operator Value: +  Token 47  Type: Integer-Literal Value: 1  Token 48  Type: Separator Value: ;  Token 49  Type: Identifier Value: strike  Token 50  Type: Operator Value: =  Token 51  Type: Integer-Literal Value: 0  Token 52  Type: Separator Value: ;  Token 53  Type: Separator Value: }  Token 54  Type: Keyword Value: if  Token 55  Type: Separator Value: (  Token 56  Type: Identifier Value: outs  Token 57  Type: Operator Value: =  Token 58  Type: Integer-Literal Value: 3  Token 59  Type: Separator Value: )  Token 60  Type: Identifier Value: outs  Token 61  Type: Operator Value: =  Token 62  Type: Integer-Literal Value: 0  Token 63  Type: Separator Value: ;  Token 64  Type: Separator Value: } |
| Case 22: | C:\Users\John\Desktop\file.txt  Token 1  Token is null  Token 2  Type: Operator Value: /  Token 3  Type: Operator Value: \*  Token 4  Type: Operator Value: \*  Token 5  Type: Operator Value: \*  Token 6  Type: Identifier Value: this  Token 7  Type: Identifier Value: works  Token 8  Type: Identifier Value: for  Token 9  Type: Identifier Value: Java  Token 10  Type: Identifier Value: for  Token 11  Type: Identifier Value: multiline  Token 12  Type: Identifier Value: comments  Token 13  Type: Identifier Value: but  Token 14  Type: Other Value: won't  Token 15  Type: Identifier Value: in  Token 16  Type: Identifier Value: JAY  Token 17  Type: Operator Value: \*  Token 18  Type: Operator Value: \*  Token 19  Type: Operator Value: \*  Token 20  Type: Operator Value: /  Token 21  Type: Operator Value: <  Token 22  Type: Operator Value: !  Token 23  Type: Operator Value: -  Token 24  Type: Operator Value: -  Token 25  Type: Operator Value: -  Token 26  Type: Identifier Value: this  Token 27  Type: Identifier Value: is  Token 28  Type: Identifier Value: a  Token 29  Type: Identifier Value: comment  Token 30  Type: Identifier Value: in  Token 31  Type: Identifier Value: html  Token 32  Type: Identifier Value: but  Token 33  Type: Identifier Value: not  Token 34  Type: Identifier Value: JAY  Token 35  Type: Operator Value: -  Token 36  Type: Operator Value: -  Token 37  Type: Operator Value: -  Token 38  Type: Operator Value: >  Token 39  Token is null |
| Case 23: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: train  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: time  Token 10  Type: Separator Value: ;  Token 11  Type: Keyword Value: boolean  Token 12  Type: Identifier Value: delay  Token 13  Type: Separator Value: ,  Token 14  Type: Identifier Value: early  Token 15  Type: Separator Value: ;  Token 16  Type: Keyword Value: if  Token 17  Type: Separator Value: (  Token 18  Type: Identifier Value: train  Token 19  Type: Operator Value: >  Token 20  Type: Separator Value: (  Token 21  Type: Identifier Value: time  Token 22  Type: Operator Value: +  Token 23  Type: Integer-Literal Value: 3  Token 24  Type: Separator Value: )  Token 25  Type: Separator Value: )  Token 26  Type: Identifier Value: delay  Token 27  Type: Operator Value: =  Token 28  Type: Identifier Value: true  Token 29  Type: Separator Value: ;  Token 30  Type: Keyword Value: if  Token 31  Type: Separator Value: (  Token 32  Type: Identifier Value: train  Token 33  Type: Operator Value: <  Token 34  Type: Separator Value: (  Token 35  Type: Identifier Value: time  Token 36  Type: Operator Value: -  Token 37  Type: Integer-Literal Value: 3  Token 38  Type: Separator Value: )  Token 39  Type: Separator Value: )  Token 40  Type: Identifier Value: early  Token 41  Type: Operator Value: =  Token 42  Type: Identifier Value: true  Token 43  Type: Separator Value: ;  Token 44  Type: Keyword Value: if  Token 45  Type: Separator Value: (  Token 46  Type: Identifier Value: delay  Token 47  Type: Operator Value: =  Token 48  Type: Identifier Value: true  Token 49  Type: Separator Value: )  Token 50  Type: Identifier Value: early  Token 51  Type: Operator Value: =  Token 52  Type: Identifier Value: false  Token 53  Type: Separator Value: ;  Token 54  Type: Keyword Value: if  Token 55  Type: Separator Value: (  Token 56  Type: Identifier Value: early  Token 57  Type: Operator Value: =  Token 58  Type: Identifier Value: true  Token 59  Type: Separator Value: )  Token 60  Type: Identifier Value: delay  Token 61  Type: Operator Value: =  Token 62  Type: Identifier Value: false  Token 63  Type: Separator Value: ;  Token 64  Type: Separator Value: } |
| Case 24: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: temp  Token 8  Type: Separator Value: ,  Token 9  Type: Identifier Value: inchesOfSnow  Token 10  Type: Separator Value: ;  Token 11  Type: Keyword Value: boolean  Token 12  Type: Identifier Value: skiing  Token 13  Type: Separator Value: ;  Token 14  Type: Keyword Value: if  Token 15  Type: Separator Value: (  Token 16  Type: Identifier Value: temp  Token 17  Type: Operator Value: <=  Token 18  Type: Integer-Literal Value: 36  Token 19  Type: Separator Value: ,  Token 20  Type: Identifier Value: inchesOfSnow  Token 21  Type: Operator Value: >=  Token 22  Type: Integer-Literal Value: 2  Token 23  Type: Separator Value: )  Token 24  Type: Identifier Value: skiing  Token 25  Type: Operator Value: =  Token 26  Type: Identifier Value: true  Token 27  Type: Separator Value: ;  Token 28  Type: Keyword Value: else  Token 29  Type: Identifier Value: skiing  Token 30  Type: Operator Value: =  Token 31  Type: Identifier Value: false  Token 32  Type: Separator Value: ;  Token 33  Type: Separator Value: } |
| Case 25: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: int  Token 7  Type: Identifier Value: age  Token 8  Type: Separator Value: ;  Token 9  Type: Keyword Value: boolean  Token 10  Type: Identifier Value: baby  Token 11  Type: Separator Value: ,  Token 12  Type: Identifier Value: child  Token 13  Type: Separator Value: ,  Token 14  Type: Identifier Value: teen  Token 15  Type: Separator Value: ,  Token 16  Type: Identifier Value: adult  Token 17  Type: Separator Value: ,  Token 18  Type: Identifier Value: senior  Token 19  Type: Separator Value: ;  Token 20  Type: Keyword Value: if  Token 21  Type: Separator Value: (  Token 22  Type: Identifier Value: age  Token 23  Type: Operator Value: <  Token 24  Type: Integer-Literal Value: 4  Token 25  Type: Separator Value: )  Token 26  Type: Identifier Value: baby  Token 27  Type: Operator Value: =  Token 28  Type: Identifier Value: true  Token 29  Type: Separator Value: ;  Token 30  Type: Keyword Value: if  Token 31  Type: Separator Value: (  Token 32  Type: Identifier Value: age  Token 33  Type: Operator Value: >=  Token 34  Type: Integer-Literal Value: 4  Token 35  Type: Operator Value: &&  Token 36  Type: Identifier Value: age  Token 37  Type: Operator Value: <  Token 38  Type: Integer-Literal Value: 13  Token 39  Type: Separator Value: )  Token 40  Type: Identifier Value: child  Token 41  Type: Operator Value: =  Token 42  Type: Identifier Value: true  Token 43  Type: Separator Value: ;  Token 44  Type: Keyword Value: if  Token 45  Type: Separator Value: (  Token 46  Type: Identifier Value: age  Token 47  Type: Operator Value: >=  Token 48  Type: Integer-Literal Value: 13  Token 49  Type: Operator Value: &&  Token 50  Type: Identifier Value: age  Token 51  Type: Operator Value: <  Token 52  Type: Integer-Literal Value: 18  Token 53  Type: Separator Value: )  Token 54  Type: Identifier Value: teen  Token 55  Type: Operator Value: =  Token 56  Type: Identifier Value: true  Token 57  Type: Separator Value: ;  Token 58  Type: Keyword Value: if  Token 59  Type: Separator Value: (  Token 60  Type: Identifier Value: age  Token 61  Type: Operator Value: >=  Token 62  Type: Integer-Literal Value: 18  Token 63  Type: Separator Value: )  Token 64  Type: Identifier Value: adult  Token 65  Type: Operator Value: =  Token 66  Type: Identifier Value: true  Token 67  Type: Separator Value: ;  Token 68  Type: Keyword Value: if  Token 69  Type: Separator Value: (  Token 70  Type: Identifier Value: age  Token 71  Type: Operator Value: =  Token 72  Type: Integer-Literal Value: 18  Token 73  Type: Operator Value: ||  Token 74  Type: Identifier Value: age  Token 75  Type: Operator Value: =  Token 76  Type: Integer-Literal Value: 19  Token 77  Type: Separator Value: )  Token 78  Type: Separator Value: {  Token 79  Type: Identifier Value: teen  Token 80  Type: Operator Value: =  Token 81  Type: Identifier Value: true  Token 82  Type: Separator Value: ;  Token 83  Type: Identifier Value: adult  Token 84  Type: Operator Value: =  Token 85  Type: Identifier Value: true  Token 86  Type: Separator Value: ;  Token 87  Type: Separator Value: }  Token 88  Type: Keyword Value: if  Token 89  Type: Separator Value: (  Token 90  Type: Identifier Value: age  Token 91  Type: Operator Value: >=  Token 92  Type: Integer-Literal Value: 65  Token 93  Type: Separator Value: )  Token 94  Type: Separator Value: {  Token 95  Type: Identifier Value: adult  Token 96  Type: Operator Value: =  Token 97  Type: Identifier Value: true  Token 98  Type: Separator Value: ;  Token 99  Type: Identifier Value: senior  Token 100  Type: Operator Value: =  Token 101  Type: Identifier Value: true  Token 102  Type: Separator Value: ;  Token 103  Type: Separator Value: }  Token 104  Type: Separator Value: } |
| Case 26: | C:\Users\John\Desktop\file.txt  Token 1  Type: Keyword Value: void  Token 2  Type: Keyword Value: main  Token 3  Type: Separator Value: (  Token 4  Type: Separator Value: )  Token 5  Type: Separator Value: {  Token 6  Type: Keyword Value: void  Token 7  Type: Keyword Value: main  Token 8  Type: Separator Value: (  Token 9  Type: Separator Value: )  Token 10  Type: Separator Value: {  Token 11  Type: Keyword Value: boolean  Token 12  Type: Identifier Value: confusion  Token 13  Type: Separator Value: ,  Token 14  Type: Identifier Value: enlightenment  Token 15  Type: Separator Value: ;  Token 16  Type: Identifier Value: confusion  Token 17  Type: Operator Value: =  Token 18  Type: Identifier Value: true  Token 19  Type: Separator Value: ;  Token 20  Type: Keyword Value: if  Token 21  Type: Separator Value: (  Token 22  Type: Identifier Value: enlightenment  Token 23  Type: Operator Value: =  Token 24  Type: Identifier Value: true  Token 25  Type: Separator Value: )  Token 26  Type: Identifier Value: confusion  Token 27  Type: Operator Value: =  Token 28  Type: Identifier Value: false  Token 29  Type: Separator Value: ;  Token 30  Type: Separator Value: }  Token 31  Type: Separator Value: } |