



S -> <PKG> <CLASS>  
<PKG> -> <PALRE> <IDE> <OPESP>  
<CLASS> -> <PALRE> <PALRE> <CLASS2>  
<PALRE> -> package | public | class | static | void | int | for | string | <PALRE> <PALRE> | <PALRE> <ID> | <PALRE> <OPASG>  
  
<ID> -> main | vaTest | compiladores | Varargs\_Proyect | args | println | length | <ID> <OPESP>  
<OPESP> -> { | } | ( | ) | [ | ] | ; | : | . | , | ... | " | ' | ε | <OPESP> <PALRE> | <OPESP> <OPESP> | <OPESP> <ID> | <NUM> | <LETRA> | <CADENA> <OPESP> | <OPASG> | <OPESP> <OPARI> | <OPREL>  
<OPASG> -> = | <OPASG> <OPESP> | <LETRA> <OPASG> | <OPASG> <NUMERO> | <OPASG> >LETRA>  
<OPARI> -> + | <OPARI> <OPESP> | <OPARI> <LETRA>  
<OPIND> -> ++ | <OPIND> <OPESP>  
<OPREL> -> < | <OPREL> LETRA  
<LETRA> -> { a, ..., z } | LETRA <OPESP> | <LETRA> <OPASG> | <OPASG> <OPASG> | <LETRA> OPREL | <LETRA> OPIND | <LETRA> <OPARI>  
<NUM> -> { 0, ..., 9 } | NUM NUM | NUM <OPESP>  
<CLASS2> -> IDE OPESP DESAROLLO  
  
DESAROLLO -> PALRE METODO  
METODO -> IDE NUM PALRE  
CADENA -> OPESP CADENA| Número de args: | Contiene | arg

S-> PKG CLASS

[illegible]



[illegible]

[illegible]

OPESP

package compiladores : public class Varargs\_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ); VaTest /( ); } static void vaTest ( int ... v ) { println ( " Número de args: " + v . length ); println ( " Contiene: " ); for ( int i = 0 ; i < v . length ; i + + ) println ( " arg " + i + " : " + v [ i ] ); println ( ); } OPESP

package compiladores : public class Varargs\_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ); VaTest /( ); } static void vaTest ( int ... v ) { println ( " Número de args: " + v . length ); println ( " Contiene: " ); for ( int i = 0 ; i < v . length ; i + + ) println ( " arg " + i + " : " + v [ i ] ); println ( ); } OPESP

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Caso 1 que falla

```
package compiladores;

public class Varargs_Project{

    public static void main (String [] args){

        vaTest(10);
        vaTest(1,2,3);
        vaTest();
    }

    staticc void vaTest(int ... v){

        println(Número de args: "+ v.length);
        println(Contiene: ");
        for(int i=0; i<v.length;i++){
            println(" arg "+i+": "+v[i]);

        }

        println();

    }

}
```

S-> PKG CLASS

```
PALRE ID OPESP CLASS
package compiladores ; CLASS
package compiladores ; PALRE PALRE CLASS2
package compiladores ; public class CLASS2
package compiladores ; public class ID OPESP DESARROLLO
package compiladores ; public class Varargs_Project { DESARROLLO
package compiladores ; public class Varargs_Project { PALRE METODO
package compiladores ; public class Varargs_Project { PARLE PALRE METODO
package compiladores ; public class Varargs_Project { public PALRE METODO
package compiladores ; public class Varargs_Project { public PALRE PALRE METODO
package compiladores ; public class Varargs_Project { public static PALRE METODO
package compiladores ; public class Varargs_Project { public static PALRE ID METODO
package compiladores ; public class Varargs_Project { public static void ID METODO
package compiladores ; public class Varargs_Project { public static void ID OPESP METODO
package compiladores ; public class Varargs_Project { public static void main OPESP ID OPESP METODO
package compiladores ; public class Varargs_Project { public static void main ( String OPESP OPESP METODO
package compiladores ; public class Varargs_Project { public static void main ( String [ ] OPESP ID METODO
package compiladores ; public class Varargs_Project { public static void main ( String [ ] ID OPESP METODO
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args OPESP OPESP METODO
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { METODO
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { ID NUM
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { ID OPESP NUM
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( NUM
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( NUM NUM
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 NUM OPESP
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 OPESP OPESP
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) OPESP ID
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; ID OPESP
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest OPESP NUM
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( NUM OPESP
package compiladores ; public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 OPESP OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , NUM
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , NUM OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 OPESP OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 , NUM
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 , NUM OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 OPESP OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) OPESP ID
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) ; ID OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) ; VaTest OPESP OPESP
```

```
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( OPESP  
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( OPESP OPESP  
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) OPESP  
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) OPESP OPESP  
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ; OPESP  
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ; } PALRE  
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ; } PALRE PALRE
```

Aquí es donde para el programa y falla, porque no existe la palabra staticc solo existe la palabra static, como se muestra aquí:

```
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ;} static PARLE ID
```



Caso 2 que falla

package compiladores;

```
public class Varargs_Project{

    public static void main (String [] args){

        vaTest(10);
        vaTest(1,2,3);
        vaTest();
    }

    static void vaTestS(int ... v){

        println(Número de args: "+ v.length);
        println(Contiene: ");
        for(int i=0; i<v.length;i++){
            println(" arg "+i+": "+v[i]);

        println();

        }

    }
}
```

S-> PKG CLASS  
PALRE ID OPESP CLASS  
package compiladores ; CLASS  
package compiladores ; PALRE PALRE CLASS2  
package compiladores ; public class CLASS2  
package compiladores ; public class ID OPESP DESARROLLO  
package compiladores ; public class Varargs\_Project { DESARROLLO  
package compiladores ; public class Varargs\_Project { PALRE METODO  
package compiladores ; public class Varargs\_Project { PARLE PALRE METODO  
package compiladores ; public class Varargs\_Project { public PALRE METODO  
package compiladores ; public class Varargs\_Project { public PALRE PALRE METODO  
package compiladores ; public class Varargs\_Project { public static PALRE METODO  
package compiladores ; public class Varargs\_Project { public static PALRE ID METODO  
package compiladores ; public class Varargs\_Project { public static void ID METODO  
package compiladores ; public class Varargs\_Project { public static void ID OPESP METODO  
package compiladores ; public class Varargs\_Project { public static void main OPESP ID OPESP METODO  
package compiladores ; public class Varargs\_Project { public static void main ( String OPESP OPESP METODO  
package compiladores ; public class Varargs\_Project { public static void main ( String [ OPESP ID METODO  
package compiladores ; public class Varargs\_Project { public static void main ( String [] ID OPESP METODO  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args OPESP OPESP METODO  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ METODO  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ ID NUM  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ ID OPESP NUM  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( NUM  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( NUM NUM  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 NUM OPESP  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 OPESP OPESP  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) OPESP ID  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; ID OPESP  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest OPESP NUM  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( NUM OPESP  
package compiladores ; public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 OPESP OPESP  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , NUM  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , NUM OPESP  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 OPESP OPESP  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 , NUM  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 , NUM OPESP  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 OPESP OPESP  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) OPESP  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) OPESP ID  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) ; ID OPESP  
package compiladores : public class Varargs\_Project { public static void main ( String [] args ){ VaTest ( 1 0 ) ; VaTest ( 1 , 2 , 3 ) ; VaTest OPESP OPESP

```
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( OPESP OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) OPESP OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ; OPESP
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ; OPESP PALRE
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ; } PALRE
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ;} PALRE PALRE
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ;} static PARLE ID
package compiladores : public class Varargs_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ;} static void ID OPESP
```

Aquí es donde para el programa y falla, porque no existe la palabra vaTestS solo existe la palabra vaTest, como se muestra aquí:  
package compiladores : public class Varargs\_Project { public static void main ( String [ ] args ) { VaTest ( 1 0 ); VaTest ( 1 , 2 , 3 ) ; VaTest /( ) ; } static void vaTest OPESP