```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9      String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                     yybegin(ARGUMENTOS);}
22
23     {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35     \"                          {yybegin(TEXTO);}
36
37     [^\n\s;]                    {valor += yytext();}
38
39     [\n;]                {TablaSimbolos.put(variable, valor);
40                 yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}        {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]               {valor += yytext();}
49
50     \"             {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n                {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9      String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                     yybegin(ARGUMENTOS);}
22
23     {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35     \"                          {yybegin(TEXTO);}
36
37     [^\n\s;]                    {valor += yytext();}
38
39     [\n;]               {TablaSimbolos.put(variable, valor);
40              yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}        {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]                   {valor += yytext();}
49
50     \"              {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n                 {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3   %%
4
5   Variable = [a-zA-Z_][a-zA-Z0-9_]*
6   Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8   %{
9        String variable, valor;
10  %}
11
12  %int
13
14  %xstate VARIABLE TEXTO ARGUMENTOS
15
16  %%
17
18  <YYINITIAL> {
19
20      {Comando}" "    {System.out.print(yytext());
21                       yybegin(ARGUMENTOS);}
22
23      {Variable}\=   {variable = yytext().substring(0, yytext().length()-1);
24                       valor = "";
25                       yybegin(VARIABLE);}
26
27      [\s\n]            {}
28
29  }
30
31  <VARIABLE> {
32
33      \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35      \"                          {yybegin(TEXTO);}
36
37      [^\n\s;]                 {valor += yytext();}
38
39      [\n;]                {TablaSimbolos.put(variable, valor);
40               yybegin(YYINITIAL);}
41
42  }
43
44  <TEXTO> {
45
46      \${Variable}       {valor += TablaSimbolos.get(yytext());}
47
48      [^\"]                 {valor += yytext();}
49
50      \"               {yybegin(VARIABLE);}
51
52  }
53
54  <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n                {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9       String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                      yybegin(ARGUMENTOS);}
22
23     {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35     \"                          {yybegin(TEXTO);}
36
37     [^\n\s;]                    {valor += yytext();}
38
39     [\n;]               {TablaSimbolos.put(variable, valor);
40               yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}        {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]                   {valor += yytext();}
49
50     \"              {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56        \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58        [^\n$]         {System.out.print(yytext());}
59
60        \n                  {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3   %%
4
5   Variable = [a-zA-Z_][a-zA-Z0-9_]*
6   Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8   %{
9       String variable, valor;
10  %}
11
12  %int
13
14  %xstate VARIABLE TEXTO ARGUMENTOS
15
16  %%
17
18  <YYINITIAL> {
19
20      {Comando}" "    {System.out.print(yytext());
21                       yybegin(ARGUMENTOS);}
22
23      {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                       valor = "";
25                       yybegin(VARIABLE);}
26
27      [\s\n]          {}
28
29  }
30
31  <VARIABLE> {
32
33      \${Variable}            {valor += TablaSimbolos.get(yytext());}
34
35      \"                      {yybegin(TEXTO);}
36
37      [^\n\s;]                {valor += yytext();}
38
39      [\n;]           {TablaSimbolos.put(variable, valor);
40              yybegin(YYINITIAL);}
41
42  }
43
44  <TEXTO> {
45
46      \${Variable}    {valor += TablaSimbolos.get(yytext());}
47
48      [^\"]           {valor += yytext();}
49
50      \"          {yybegin(VARIABLE);}
51
52  }
53
54  <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n                   {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9      String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "   {System.out.print(yytext());
21                    yybegin(ARGUMENTOS);}
22
23     {Variable}\=   {variable = yytext().substring(0, yytext().length()-1);
24                     valor = "";
25                     yybegin(VARIABLE);}
26
27     [\s\n]         {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}              {valor += TablaSimbolos.get(yytext());}
34
35     \"                        {yybegin(TEXTO);}
36
37     [^\n\s;]                  {valor += yytext();}
38
39     [\n;]             {TablaSimbolos.put(variable, valor);
40             yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}      {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]             {valor += yytext();}
49
50     \"            {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n                {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9       String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                      yybegin(ARGUMENTOS);}
22
23     {Variable}\=   {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}             {valor += TablaSimbolos.get(yytext());}
34
35     \"                       {yybegin(TEXTO);}
36
37     [^\n\s;]                 {valor += yytext();}
38
39     [\n;]            {TablaSimbolos.put(variable, valor);
40              yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}      {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]                 {valor += yytext();}
49
50     \"             {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n             {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3   %%
4
5   Variable = [a-zA-Z_][a-zA-Z0-9_]*
6   Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8   %{
9       String variable, valor;
10  %}
11
12  %int
13
14  %xstate VARIABLE TEXTO ARGUMENTOS
15
16  %%
17
18  <YYINITIAL> {
19
20      {Comando}" "    {System.out.print(yytext());
21                       yybegin(ARGUMENTOS);}
22
23      {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                       valor = "";
25                       yybegin(VARIABLE);}
26
27      [\s\n]          {}
28
29  }
30
31  <VARIABLE> {
32
33      \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35      \"                          {yybegin(TEXTO);}
36
37      [^\n\s;]                    {valor += yytext();}
38
39      [\n;]               {TablaSimbolos.put(variable, valor);
40                  yybegin(YYINITIAL);}
41
42  }
43
44  <TEXTO> {
45
46      \${Variable}        {valor += TablaSimbolos.get(yytext());}
47
48      [^\"]                   {valor += yytext();}
49
50      \"              {yybegin(VARIABLE);}
51
52  }
53
54  <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n                 {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9       String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                      yybegin(ARGUMENTOS);}
22
23     {Variable}\=   {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}              {valor += TablaSimbolos.get(yytext());}
34
35     \"                        {yybegin(TEXTO);}
36
37     [^\n\s;]                  {valor += yytext();}
38
39     [\n;]              {TablaSimbolos.put(variable, valor);
40               yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}      {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]              {valor += yytext();}
49
50     \"              {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
55
56      \${Variable}  {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]        {System.out.print(yytext());}
59
60      \n                {yybegin(YYINITIAL);}
61
62 }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9       String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                      yybegin(ARGUMENTOS);}
22
23     {Variable}\=   {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}              {valor += TablaSimbolos.get(yytext());}
34
35     \"                        {yybegin(TEXTO);}
36
37     [^\n\s;]              {valor += yytext();}
38
39     [\n;]            {TablaSimbolos.put(variable, valor);
40              yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}      {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]              {valor += yytext();}
49
50     \"            {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56      \${Variable}  {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]        {System.out.print(yytext());}
59
60      \n                {yybegin(YYINITIAL);}
61
62 }
63
64
65
```

```
 1
 2
 3   %%
 4
 5   Variable = [a-zA-Z_][a-zA-Z0-9_]*
 6   Comando = [a-zA-Z][a-zA-Z0-9_]*
 7
 8   %{
 9        String variable, valor;
10   %}
11
12   %int
13
14   %xstate VARIABLE TEXTO ARGUMENTOS
15
16   %%
17
18   <YYINITIAL> {
19
20        {Comando}" "    {System.out.print(yytext());
21                        yybegin(ARGUMENTOS);}
22
23        {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                         valor = "";
25                         yybegin(VARIABLE);}
26
27        [\s\n]          {}
28
29   }
30
31   <VARIABLE> {
32
33        \${Variable}              {valor += TablaSimbolos.get(yytext());}
34
35        \"                        {yybegin(TEXTO);}
36
37        [^\n\s;]                  {valor += yytext();}
38
39        [\n;]            {TablaSimbolos.put(variable, valor);
40                 yybegin(YYINITIAL);}
41
42   }
43
44   <TEXTO> {
45
46        \${Variable}      {valor += TablaSimbolos.get(yytext());}
47
48        [^\"]             {valor += yytext();}
49
50        \"           {yybegin(VARIABLE);}
51
52   }
53
54   <ARGUMENTOS> {
55
```

```
56      \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]         {System.out.print(yytext());}
59
60      \n                  {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9      String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                      yybegin(ARGUMENTOS);}
22
23     {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}              {valor += TablaSimbolos.get(yytext());}
34
35     \"                        {yybegin(TEXTO);}
36
37     [^\n\s;]                  {valor += yytext();}
38
39     [\n;]              {TablaSimbolos.put(variable, valor);
40              yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}      {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]                 {valor += yytext();}
49
50     \"             {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56       \${Variable}  {System.out.print(TablaSimbolos.get(yytext()));}
57
58       [^\n$]        {System.out.print(yytext());}
59
60       \n                {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
 1
 2
 3  %%
 4
 5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
 6  Comando = [a-zA-Z][a-zA-Z0-9_]*
 7
 8  %{
 9      String variable, valor;
10  %}
11
12  %int
13
14  %xstate VARIABLE TEXTO ARGUMENTOS
15
16  %%
17
18  <YYINITIAL> {
19
20      {Comando}" "     {System.out.print(yytext());
21                        yybegin(ARGUMENTOS);}
22
23      {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                       valor = "";
25                       yybegin(VARIABLE);}
26
27      [\s\n]           {}
28
29  }
30
31  <VARIABLE> {
32
33      \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35      \"                          {yybegin(TEXTO);}
36
37      [^\n\s;]                 {valor += yytext();}
38
39      [\n;]                {TablaSimbolos.put(variable, valor);
40                   yybegin(YYINITIAL);}
41
42  }
43
44  <TEXTO> {
45
46      \${Variable}        {valor += TablaSimbolos.get(yytext());}
47
48      [^\"]                {valor += yytext();}
49
50      \"              {yybegin(VARIABLE);}
51
52  }
53
54  <ARGUMENTOS> {
55
```

```
56      \${Variable}  {System.out.print(TablaSimbolos.get(yytext()));}
57
58      [^\n$]        {System.out.print(yytext());}
59
60      \n                {yybegin(YYINITIAL);}
61
62 }
63
64
65
```

```
1
2
3   %%
4
5   Variable = [a-zA-Z_][a-zA-Z0-9_]*
6   Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8   %{
9       String variable, valor;
10  %}
11
12  %int
13
14  %xstate VARIABLE TEXTO ARGUMENTOS
15
16  %%
17
18  <YYINITIAL> {
19
20      {Comando}" "    {System.out.print(yytext());
21                       yybegin(ARGUMENTOS);}
22
23      {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                       valor = "";
25                       yybegin(VARIABLE);}
26
27      [\s\n]          {}
28
29  }
30
31  <VARIABLE> {
32
33      \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35      \"                          {yybegin(TEXTO);}
36
37      [^\n\s;]                    {valor += yytext();}
38
39      [\n;]               {TablaSimbolos.put(variable, valor);
40                  yybegin(YYINITIAL);}
41
42  }
43
44  <TEXTO> {
45
46      \${Variable}        {valor += TablaSimbolos.get(yytext());}
47
48      [^\"]                   {valor += yytext();}
49
50      \"              {yybegin(VARIABLE);}
51
52  }
53
54  <ARGUMENTOS> {
55
```

```
56        \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58        [^\n$]          {System.out.print(yytext());}
59
60        \n                  {yybegin(YYINITIAL);}
61
62  }
63
64
65
```

```
1
2
3  %%
4
5  Variable = [a-zA-Z_][a-zA-Z0-9_]*
6  Comando = [a-zA-Z][a-zA-Z0-9_]*
7
8  %{
9      String variable, valor;
10 %}
11
12 %int
13
14 %xstate VARIABLE TEXTO ARGUMENTOS
15
16 %%
17
18 <YYINITIAL> {
19
20     {Comando}" "    {System.out.print(yytext());
21                     yybegin(ARGUMENTOS);}
22
23     {Variable}\=    {variable = yytext().substring(0, yytext().length()-1);
24                      valor = "";
25                      yybegin(VARIABLE);}
26
27     [\s\n]          {}
28
29 }
30
31 <VARIABLE> {
32
33     \${Variable}                {valor += TablaSimbolos.get(yytext());}
34
35     \"                          {yybegin(TEXTO);}
36
37     [^\n\s;]                    {valor += yytext();}
38
39     [\n;]               {TablaSimbolos.put(variable, valor);
40              yybegin(YYINITIAL);}
41
42 }
43
44 <TEXTO> {
45
46     \${Variable}        {valor += TablaSimbolos.get(yytext());}
47
48     [^\"]               {valor += yytext();}
49
50     \"              {yybegin(VARIABLE);}
51
52 }
53
54 <ARGUMENTOS> {
55
```

```
56        \${Variable}   {System.out.print(TablaSimbolos.get(yytext()));}
57
58        [^\n$]         {System.out.print(yytext());}
59
60        \n                {yybegin(YYINITIAL);}
61
62 }
63
64
65
```