Anexo1

```
==> block1.txt <==
{
{
int a; a = 2;
}
{
int b; b = 3;
}
a = a + 1; b = b + 1;
}
a = a + 1; b = b + 1;
}
```

```
==> exemplo1.txt <==
{
{
int r; int dd; int a; int d;
r = a; dd = d;
while( dd <= r ) dd = 2*dd;
while( dd != r ) {
dd = dd/2;
if (dd <= r) r = r - dd;
}
}
```

```
==> exemplo2.txt <==
{
{
int i; float prod; float [20] a; float [20] b;
prod = 0;
i = 1;
do {
prod = prod + a[i]*b[i];
i = i+1;
} while (i <= 20);
}
```

```
==> exemplo3.txt <==
{
j = j+1;
}
i = i+1;
}
i = 0;
while ( i < 10 ) {
a[i][i] = 1;
i = i+1;
}
}
```

```
==> exemplo4.txt <==
{
{
int BLANK; int TAB; int NEWLINE; int peek;
int line; int readch;

while( true ) {
if( peek == BLANK || peek == TAB ) ;
else if( peek == NEWLINE ) line = line + 1;
else break;
peek = readch;
}
}
```

```
==> exemplo.txt <==
{
{
int i; int j; float v; float x; float[100] a;
while( true ) {
do i = i+1; while( a[i] < v);
do j = j-1; while( a[j] > v);
if( i >= j ) break;
x = a[i]; a[i] = a[j]; a[j] = x;
}
}
```

```
==> expr1.txt <==
{
int i; float x; bool b;
i = 0;
i = 365;
x = 0.0;
x = 3.14159;
b = true;
b = false;
i = x;
x = i;
}
```

```
==> expr2.txt <==
{
d = a + b * c;
d = a * b + c;

d = (a - b) - c;
d = a - (b - c);
d = (a + b) * c;
d = a * (b + c);

term = b*b -4.0*a*c;
}
```

```
==> expr3.txt <==
{

r = !!(x == y);

if( !(x > y) ) r = true;
else r = false;

if( !!(x != y) ) r = true;
else r = false;

}

==> expr4.txt <==
{
int[2][3] a; int x; int c;
bool[10][10][10] b; bool d;

x = c+a[i][j];
a[i][j] = 0;

b[i][j][k] = true;
d = b[i][j][k];

}

==> identity1.txt <==
{
j = j + 1;
}
i = i + 1;
}
i = 0;
while ( i < 10 ) {
a[i][i] = 1.0;
i = i + 1;
}
}

==> identity2.txt <==
{
if( j >= 10 ) break;
}
if( i >= 10 ) break;
}
i = 0;
while(true) {
a[i][i] = 1.0;
if( i >= 10 ) break;
}
}
```

```
==> jump1.txt <==
{
if( a < 100 && a > 200 ) b = 0;

if( x < 100 || (x > 200 && x != y) ) x = 0;

if( a < 100 || (a > 200 && a != 150) || a != 0 ) a
= 0;

if( x > 200 && x != b || x < 100 ) x = 0;

if( a < 100 || a > 200 && a != b ) a = 0;
}

==> jump2.txt <==
{
r = a < 100 && a > 200;

r = x < 100 || (x > 200 && x != y);

r = a < 100 || (a > 200 && a != 150) || a != 0;

r = x > 200 && x != b || x < 100;

r = a < 100 || a > 200 && a != b;
}

==> jump3.txt <==
{

a[i] = true;

a[i] = false;

if( b ) x = y;

if( a[i] ) x = y;

}
```