```
input : x, y
   output: z
 1 While example;
 2 // While and If-Else !!
 3 while condition do
        Do text;
 4
        {\bf if} If-Else condition {\bf then}
 5
            OK;
 6
 7
        else
         NO;
 8
 9
        end
10 end
11 // While, For and If-Else !!!
{\bf 12}\, while while condition {\bf do}
        Do text;
13
        \mathbf{for} \ \mathrm{i} \ \mathrm{in} \ \mathrm{range}() \ \mathbf{do}
14
             For text;
15
             \mathbf{if} \ \mathrm{If\text{-}else} \ \mathrm{condition} \ \mathbf{then}
16
             OK;
17
18
             else
             NO;
19
             end
\mathbf{20}
21
       end
22 end
```