```
output:
                              (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
      depth:3
                             (16, 100)
                   output:
                  input:
                            (16, 100)
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                           (16, 100)
                 output:
                              (16, 100)
                     input:
   BatchNorm1d
      depth:3
                    output:
                               (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
       depth:3
                             (16, 100)
                   output:
                  input:
                            (16, 100)
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                           (16, 100)
                  input:
       Linear
       depth:3
                 output:
                           (16, 100)
                               (16, 100)
                     input:
   BatchNorm1d
      depth:3
                               (16, 100)
                    output:
                             (16, 100)
                    input:
     LeakyReLU
      depth:3
                   output:
                             (16, 100)
                            (16, 100)
                  input:
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                 output:
                           (16, 100)
                              (16, 100)
                     input:
   BatchNorm1d
      depth:3
                    output:
                               (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
      depth:3
                   output:
                             (16, 100)
                            (16, 100)
                  input:
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                 output:
                           (16, 100)
                               (16, 100)
                     input:
   BatchNorm1d
      depth:3
                    output:
                              (16, 100)
                             (16, 100)
                    input:
     LeakyReLU
       depth:3
                   output:
                             (16, 100)
                            (16, 100)
                  input:
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                 output:
                           (16, 100)
                              (16, 100)
                     input:
   BatchNorm1d
      depth:3
                    output:
                               (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
      depth:3
                   output:
                             (16, 100)
                  input:
                            (16, 100)
      Dropout
       depth:3
                            (16, 100)
                 output:
  Sequential
                           (16, 100)
                  input:
       Linear
       depth:3
                           (16, 100)
                 output:
                     input:
                               (16, 100)
   BatchNorm1d
      depth:3
                    output:
                               (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
      depth:3
                             (16, 100)
                   output:
                            (16, 100)
                  input:
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                 output:
                           (16, 100)
                     input:
                              (16, 100)
   BatchNorm1d
      depth:3
                    output:
                               (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
      depth:3
                   output:
                             (16, 100)
                  input:
                            (16, 100)
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                 output:
                           (16, 100)
                              (16, 100)
                     input:
   BatchNorm1d
      depth:3
                    output:
                              (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
       depth:3
                   output:
                             (16, 100)
                            (16, 100)
                  input:
      Dropout
       depth:3
                 output:
                            (16, 100)
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                 output:
                           (16, 100)
                     input:
                               (16, 100)
   BatchNorm1d
      depth:3
                    output:
                               (16, 100)
                    input:
                             (16, 100)
     LeakyReLU
      depth:3
                   output:
                             (16, 100)
                  input:
                            (16, 100)
      Dropout
       depth:3
                            (16, 100)
                 output:
  Sequential
                  input:
                           (16, 100)
       Linear
       depth:3
                 output:
                           (16, 100)
                              (16, 100)
                     input:
   BatchNorm1d
      depth:3
                    output:
                              (16, 100)
                             (16, 100)
                    input:
     LeakyReLU
      depth:3
                   output:
                             (16, 100)
                            (16, 100)
                  input:
      Dropout
1
       depth:3
                 output:
                            (16, 100)
                  input:
                           (16, 100)
       Linear
       depth:2
                 output:
                            (16, 10)
                               (16, 10)
                      input:
    BatchNorm1d
       depth:2
                     output:
                               (16, 10)
                              (16, 10)
                    input:
     LeakyReLU
       depth:2
                              (16, 10)
                   output:
                   input:
                            (16, 10)
       Dropout
       depth:2
                  output:
                            (16, 10)
                            (16, 10)
                  input:
        Linear
       depth:2
                 output:
                             (16, 1)
                             (16, 1)
                   input:
        Sigmoid
```

input-tensor

depth:0

input:

output:

input:

Sequential

Sequential

Linear depth:3

BatchNorm1d depth:3

I

I

1

1

ı

1

1

١

١

1

١

١

١

I

depth:2

output:

output-tensor

depth:0

(16, 1)

(16, 1)

(16, 430)

(16, 430)

(16, 100)

(16, 100)