```
Automaton Simulator, v1.0
dpda {
     alphabet {abcd*}
     state {
          initial {yes}
           coord {567 230}
      }
      state {
          coord {874 236}
      }
      state {
           final {yes}
           coord {1114 243}
      }
      edge 0 1 {
           transits {a}
           offset {0.5235987755982988}
           action {push a}
      edge 1 2 {
           transits {b}
           offset {0.5235987755982988}
           stacktop {a}
           action {pop}
      }
      edge 1 1 {
           transits {a}
           offset {1.5091461561556376}
           stacktop {a}
           action {push a}
      }
      edge 2 2 {
           transits {b}
           offset {1.0982993912778327}
           stacktop {a}
           action {pop}
      }
      label {
           text {q0}
           font {SansSerif 12 -}
           coord {568 231}
      label {
           text {q1}
           font {SansSerif 12 -}
           coord {865 236}
      }
      label {
           text {q2}
           font {SansSerif 12 -}
           coord {1110 236}
      }
}
```

