```
Automaton Simulator, v1.0
dpda {
      alphabet {abcd*}
      state {
            initial {yes}
            coord {481 249}
      }
      state {
            coord {664 253}
      }
      state {
            final {yes}
            coord {790 258}
      }
      edge 0 1 {
            transits {a}
            offset {0.6745734043615628}
            action {push a}
      }
      edge 1 2 {
            transits {a}
            offset {-1.7720535195650173}
            stacktop {a}
            action {push a}
      }
      edge 2 2 {
            transits {b}
            offset {2.356194490192345}
            stacktop {a}
            action {pop}
      }
      edge 2 2 {
            transits {}
            offset {2.356194490192345}
      }
}
```