
الگوریتم ۱ Generation Key

```
function RSA Key Generation ( $p, q$ )
    1: PA Choose two pair of large prime  $(p_1, q_1)$ ,  $(p_2, q_2)$ 
    2: return  $(K_{pu1A}, K_{pr1A})$ ,  $(K_{pu2A}, K_{pr2A})$ 
end function
```
