

[5, ②, 4, 6, 1, 3] $i=1, j=0, key=2$

$arr[j+1] = arr[j]$ [5, 5, 4, 6, 1, 3] $j=0$

$j-1 = -1$
 $arr[j+1] = key$ [②, 5, 4, 6, 1, 3] $j=-1$

[2, 5, ④, 6, 1, 3] $i=2, j=1, key=4$

$arr[j+1] = arr[j]$ [2, 5, 5, 6, 1, 3] $j=1$

$j-1=0$
 $arr[j+1] = key$ [2, ④, 5, 6, 1, 3] $j=0$

[2, 4, 5, ⑥, 1, 3] $i=3, j=2, key=6$

[2, 4, 5, 6, ①, 3] $i=4, j=3, key=1$

$arr[j+1] = arr[j]$ [2, 4, 5, 6, 6, 3] $j=3$

$j-1=2$
 $arr[j+1] = key$ [2, 4, 5, ①, 6, 3] $j=2$

$arr[j+1] = arr[j]$ [2, 4, 5, 5, 6, 3] $j=2$

$j-1=1$
 $arr[j+1] = key$ [2, 4, ①, 5, 6, 3] $j=1$

$arr[j+1] = arr[j]$ [2, 4, 4, 5, 6, 3] $j=1$

$j-1=0$
 $arr[j+1] = key$ [2, ①, 4, 5, 6, 3] $j=0$

$arr[j+1] = arr[j]$ [2, 2, 4, 5, 6, 3] $j=0$

$j-1=-1$
 $arr[j+1] = key$ [①, 2, 4, 5, 6, 3] $j=-1$

[1, 2, 4, 5, 6, ③] $i=5, j=4, key=3$

$arr[j+1] = arr[j]$ [1, 2, 4, 5, 6, 6] $j=4$

$j-1=3$
 $arr[j+1] = key$ [1, 2, 4, 5, ③, 6] $j=3$

$arr[j+1] = arr[j]$ [1, 2, 4, 5, 5, 6] $j=3$

$j-1=2$
 $arr[j+1] = key$ [1, 2, 4, ③, 5, 6] $j=2$

$arr[j+1] = arr[j]$ [1, 2, 4, 4, 5, 6] $j=2$

$j-1=1$
 $arr[j+1] = key$ [1, 2, ③, 4, 5, 6] $j=1$