

Search a List

Binary Search

```
def binarySearch(lst, key):  
    low = 0  
    high = len(lst) - 1  
  
    while high >= low:  
        mid = (low + high) // 2  
        if key < lst[mid]:  
            high = mid - 1  
        elif key == lst[mid]:  
            return mid  
        else:  
            low = mid + 1  
  
    return -1
```

	low	0	1	2	3	4	5	6	7	8	9	10	11	high
lst		2	4	7	10	17	21	25	32	38	41	46	50	71