

```
def insertion_sort(arr):  
    for i in range(1, len(arr)):  
        key = arr[i]  
        j = i - 1  
        while j >= 0 and key < arr[j]:  
            arr[j + 1] = arr[j]  
            j -= 1  
        arr[j + 1] = key
```

```
def criar_vetor(tamanho):  
    vetor = []  
    for i in range(tamanho):  
        num_impar = i * 2 + 1  
        vetor.append(num_impar)  
    return vetor
```

```
tamanho_vetor = 30  
vetor = criar_vetor(tamanho_vetor)  
print("Vetor original:")  
print(vetor)
```

```
insertion_sort(vetor)
```

```
print("\nVetor ordenado:")  
print(vetor)
```