In [5]:
```python
from qiskit_textbook.widgets import plot_bloch_vector_spherical
from math import pi
```
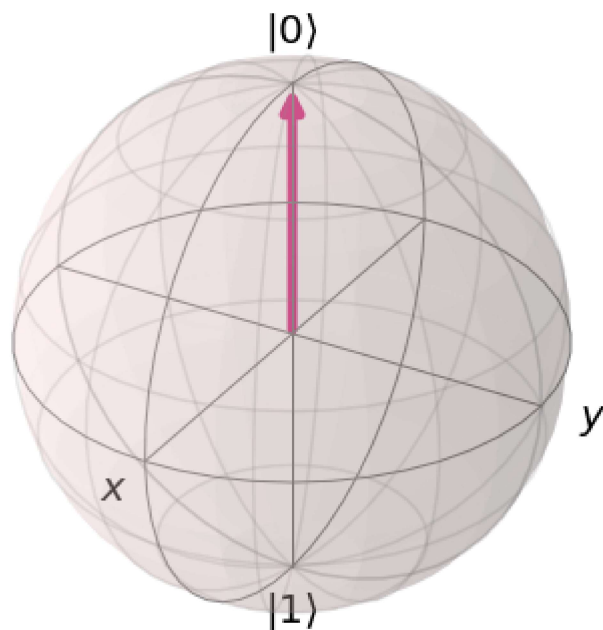
In [6]:
```python
#Plotting |0>
coords = [0,0,1]
plot_bloch_vector_spherical(coords)
```
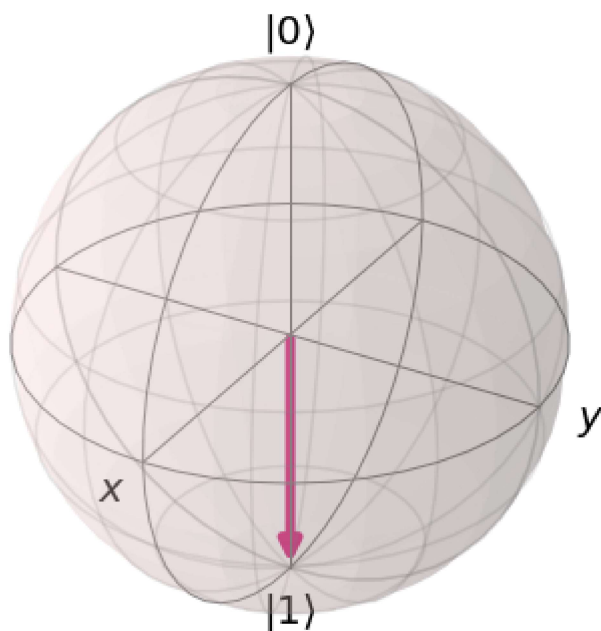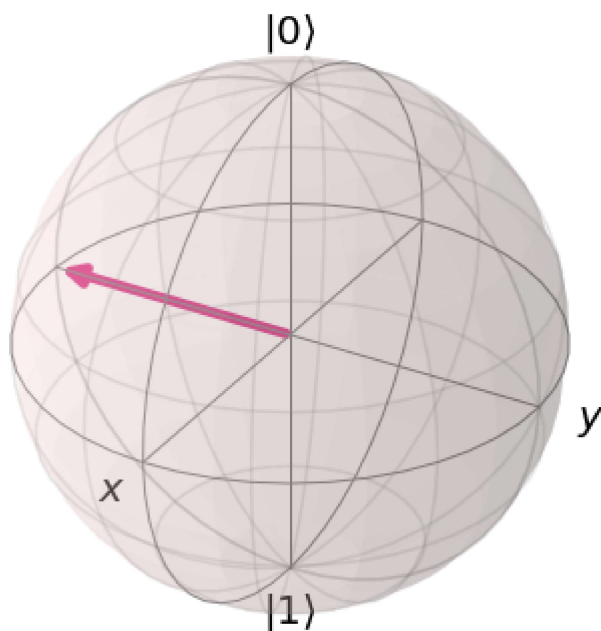
Out[6]:

In [7]:
```python
#Plotting |1>
coords = [pi,0,1]
plot_bloch_vector_spherical(coords)
```
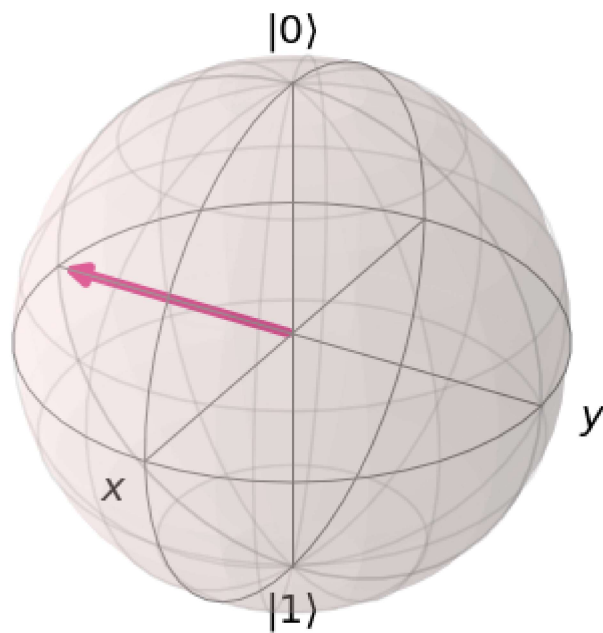
Out[7]:

In [11]:
```python
#Plotting 1/sqrt(2)[|0>-i|1>]
a = [pi/2,-pi/2,1]
plot_bloch_vector_spherical(a)
```

Out[11]:

In [10]:
```python
#Plotting 1/sqrt(2)[i|0>+|1>]
f = [pi/2,-pi/2,1]
plot_bloch_vector_spherical(f)
```

Out[10]:

In [ ]: