Q1.

In [11]:
```
from bokeh.plotting import figure , show , output_file
```

In [12]:
```
output_file('test.html')

p = figure(title = 'bokeh plot',x_axis_label='x-axis',y_axis_label='y_axis')
```

In [13]:
```
x=[1,2,3,4,5]
y=[6,7,2,4,5]
p.circle(x,y)
show(p)
```

Q2.

""" Glyphs are visual markers used to represent and display data points on a plot. Glyphs are fundamental components for creating various types of visualizations like scatter plots, line charts, bar charts, and more. """

In [20]:
```
p = figure(title="Glyph Example", x_axis_label="X-axis", y_axis_label="Y-axis")

x = [1, 2, 3, 4, 5]
y = [6, 7, 2, 4, 5]

p.circle(x, y, size=10, color="navy", alpha=0.5)
show(p)
```

Q3.

In [19]:
```
p = figure(x_axis_label="X-axis label", y_axis_label="Y-axis label")
p.title.text = "My Custom Bokeh Plot"
p.line(x, y, line_width=2, line_color="red", legend_label="Line Glyph")
p.legend.title = "My Legend"
```

Q4.

""" A Bokeh server is a component of the Bokeh library that allows you to create and deploy interactive web applications and dashboards with real-time data updates.

"""

Q5.

"""

- Install flask
- Create a flask web application
- create an HTML template to embed the Bokeh plot
- In flask application, create a Bokeh plot and embed it using components
- Run your flask application.

"""