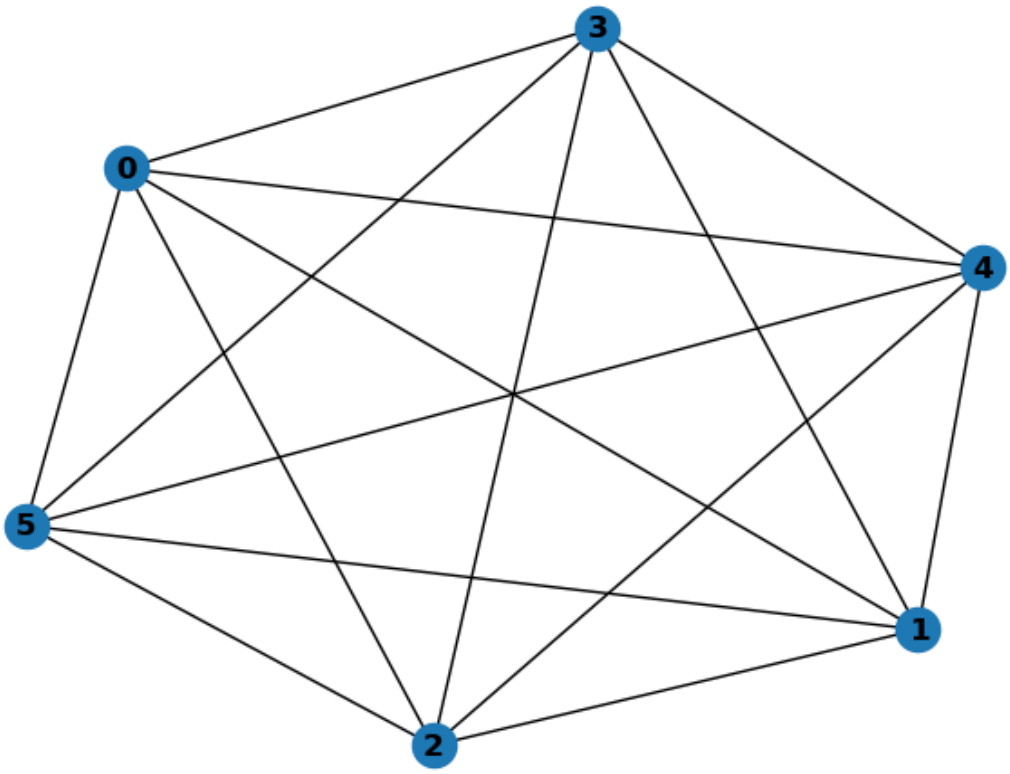
Question 2:Write a code in python to demonstrate python graph where the number of vertices is user input

In [1]:
```
import networkx as nx
import matplotlib.pyplot as plt

def create_complete_graph(num_vertices):
    # Create a complete graph
    complete_graph = nx.complete_graph(num_vertices)

    # Draw the graph
    nx.draw(complete_graph, with_labels=True, font_weight='bold')
    plt.show()

if __name__ == "__main__":
    # Get user input for the number of vertices
    num_vertices = int(input("Enter the number of vertices for the complete

    # Create and display the complete graph
    create_complete_graph(num_vertices)
```

```
Enter the number of vertices for the complete graph: 6
```



In [ ]: