In [1]:
```
import pandas as pd
import matplotlib.pyplot as plt
```

In [3]:
```
df  = pd.read_csv("1033/Bookstore/Sales Perfomance.csv")
```

In [6]:
```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 49 entries, 0 to 48
Data columns (total 3 columns):
 #   Column          Non-Null Count  Dtype 
---  ------          --------------  ----- 
 0   Book_id         49 non-null     int64 
 1   Book_title      49 non-null     object
 2   Total_ordered   49 non-null     int64 
dtypes: int64(2), object(1)
memory usage: 1.3+ KB
```

Top 10 and Worst 10 selling Books

In [10]:
```
df.columns = df.columns.str.strip()  # Removes leading/trailing whitespace
df.columns = df.columns.str.replace('\u200b', '')  # Removes zero-width space
```

In [11]:
```
# --- Step 2: Sort by total_ordered ---
df_sorted = df.sort_values(by=['Total_ordered'], ascending=False)
```

Step 3 : Sort top 10 and bottom 10

In [12]:
```
top10 = df_sorted.head(10)
bottom10 = df_sorted.tail(10)
```

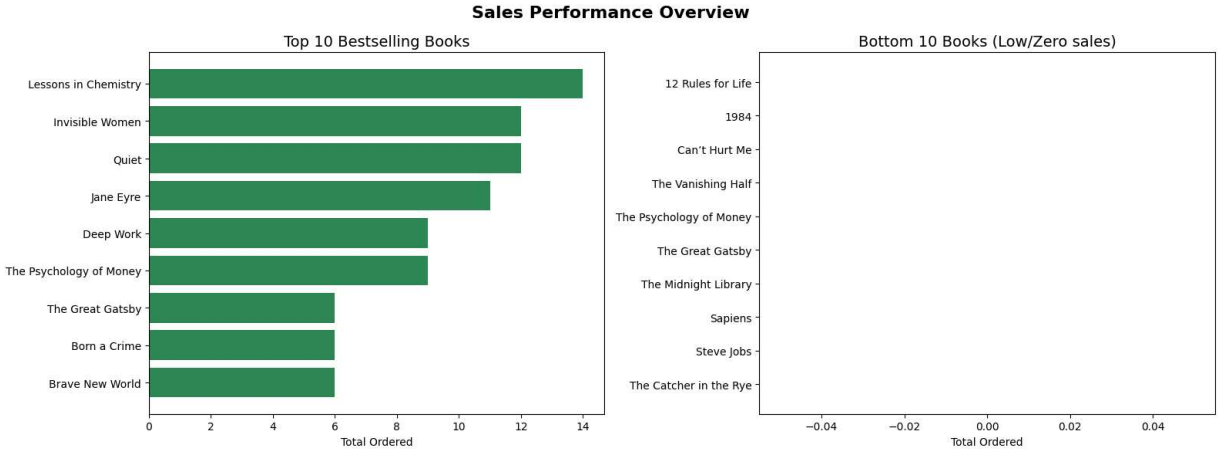
STEP 4: Plot Side -by side plot

In [25]:
```
fig, axes = plt.subplots(1,2, figsize=(16,6))
#Best Sellers
axes[0].barh(top10["Book_title"], top10["Total_ordered"], color = "Seagreen")
axes[0].set_title("Top 10 Bestselling Books", fontsize=14)
axes[0].invert_yaxis()
axes[0].set_xlabel("Total Ordered")

#Bottom 10 Worst Perfomers
axes[1].barh(bottom10["Book_title"], bottom10["Total_ordered"], color="salmon")
axes[1].set_title("Bottom 10 Books (Low/Zero sales)", fontsize =14)
axes[1].invert_yaxis()
axes[1].set_xlabel("Total Ordered")

# General title across both plots
fig.suptitle('Sales Performance Overview', fontsize=16, fontweight='bold')
```

```
plt.tight_layout()  # Adjust layout to fit suptitle
plt.savefig("book_sales_comparison.png", dpi=300, bbox_inches='tight')
plt.show()
```



Step 5: Locating the Image

In [24]:
```
import os
print(os.getcwd())
```

```
C:\Windows\system32
```

In [ ]:
```
```