

Main

```
src > J Main.java > ...  
1  public class Main {  
    Run main | Debug main | Run | Debug  
2  public static void main(String[] args) {  
3      // Sample data setup  
4      StockCompany company = new StockCompany(companyName:"Tesla", tickerSymbol:"TSLA");  
5      Share share = new Share(company, quantity:100, price:500.0);  
6      User user = new User(userName:"John Doe", email:"john.doe@example.com");  
7      Portfolio portfolio = new Portfolio(user);  
8      portfolio.addShare(share);  
9  
10     // Display portfolio total value  
11     System.out.println("Total Portfolio Value: " + portfolio.getTotalValue());  
12 }  
13 }  
14 }
```

Here the program creates a company called Tesla with a ticker attached being 'TSLA'
It then creates a share of the company, where there is 100 shares prices 500 each, makes a user called John Doe with an email attached and creates a portfolio for him. Finally it adds shares and also prints the total value of the portfolio.