

- ① public class called "Stocks" containing all stocks initialized as doubles
 - ② Create a method which will perform each necessary function to assign value and quantity to each double stock
 - ③a An if statement for cost = 10 (USD)
 - ①a if the cost = 10 the program will select 2 random stocks from the public class "Stocks"
 - ⑤a The random stocks will then be assigned a random value which in sum totals 10 (USD)
 - ⑥a A cost statement will print all 3 randomly selected stocks followed by their randomly generated values on 4 different lines
 - ③b An if-else statement for cost = 15 (USD)
 - ①b if the cost = 15 the program will select 4 random stocks from the public class "Stocks"
 - ⑤b The random stocks will then be assigned a random value which in sum totals 15 (USD)
 - ⑥b A cost statement will print all 4 randomly selected stocks followed by their randomly generated values on 4 different lines
 - ③c An if-else statement for cost = 50 (USD)
 - ①c if the cost = 50 the program will select 5 random stocks from the public class "Stocks"
 - ⑤c The random stocks will then be assigned a random value which in sum totals 50 (USD)
 - ⑥c A cost statement will print all 5 randomly selected stocks followed by their randomly generated values on 4 different lines
 - ③b an else statement for when cost \neq 10, 15, or 50 (USD)
 - ①a a cost statement will inform the user "Invalid purchase value"
- ⑤ The int main function lies at the bottom of the program
- ⑥ A variable price stored as type double to store the value of the cash purchased by the user
- ⑦ A cost statement that asks the user "What was the price of your work?:"
- ⑧ A cin statement to store the value given by the user in the variable "price"
- ⑨ A call to send the value of "price" to the above method and store it in "Cost"