TURNTOTECH

Aim: Become proficient in manipulating arrays and dictionaries.

1. Create an array of 3 companies – Apple, Google and Microsoft
2. Print each company name above using a loop
3. Add a fourth company Facebook to the above array
4. Print the 3rd company in the above array
5. Print the size of the array
6. Create an object of type NSMutableDictionary with the following key-value pairs
   - Key=AAPL, value = Apple
   - Key=GOOG, value = Google
   - Key=MSFT, value=Microsoft
7. Print all elements of the dictionary above
8. Print the value for key = MSFT
9. Add another key,value pair {Key=FB, value = Facebook}
10. Remove the element with key=AAPL from the dictionary
11. Print the number of elements in the dictionary
12. Create a new class called Company.
13. Add these properties to company
    - stockPrice
    - companyName
    - companyLogoName
14. Create an instance of Company and set the above values to 1000, Google, google.png
15. Print the value of these three attributes
16. Add another property of type NSMutableArray to Company
17. Add the following products to the above array in the Company class –AdWords, AdSense,GoogleDocs
18. Print the above values for the three products
19. Remove GoogleDocs from the array above
20. Print names for the remaining products
21. Create a Product class with the following properties
    - productName
    - productLogo
    - productURL
22. Create two instances of the Product class above
23. Set values for productName, logo and url in the two objects above
24. Add these two products objects to the array property in Company class
25. Print the details of all products in the company class