**Exercise 3.5: Mocking and Stubbing with Multiple Returns**

**CODE:  
ExternalApi Interface: -**

package org.example;  
  
public interface ExternalApi {  
 int getStockPrice();  
}

**StockService Class: -**

package org.example;  
public class StockService {  
 private ExternalApi api;  
 public StockService(ExternalApi api) {  
 this.api = api;  
 }  
 public void printStockPrices(int times) {  
 for (int i = 0; i < times; i++) {  
 int price = api.getStockPrice();  
 System.*out*.println("Fetched stock price: " + price);  
 }  
 }  
}

**StockServiceTest Class: -**

package org.example;  
import org.junit.jupiter.api.Test;  
import static org.mockito.Mockito.*mock*;  
import static org.mockito.Mockito.*when*;  
  
class StockServiceTest {  
 @Test  
 public void testMultipleReturns() {  
 ExternalApi mockApi = *mock*(ExternalApi.class);  
 *when*(mockApi.getStockPrice()).thenReturn(100, 105, 110);  
 StockService service = new StockService(mockApi);  
 service.printStockPrices(3);  
 }  
}

**OUTPUT:**

