

1. **Shopping Cart Update**

You are developing an e-commerce website where users can add items to their shopping cart. Whenever a user selects a product, it should be added to an array called `cartItems`. How will you ensure that each selected product is pushed into the array without overwriting previous items?

2. **Task Management System**

A team is using a task management app where they can add new tasks dynamically. The tasks are stored in an array named `taskList`. How will you implement a function that allows users to add a new task using `array.push()` while keeping existing tasks intact?

3. **Social Media Likes**

You are building a social media application where users can like posts. Each post maintains an array called `likedUsers`, which stores the usernames of users who liked it. How will you ensure that when a new user likes a post, their username is added to this array using `push()`?

4. **Movie Playlist Creation**

A user is creating a playlist of their favorite movies. Each time they select a movie, it should be added to an array named `myPlaylist`. How will you use `array.push()` to add movies one by one while preserving the previous selections?

5. **Student Attendance Tracker**

In a school management system, daily attendance is stored in an array named `attendanceList`. When a student enters the classroom, their name should be pushed into the array. How would you implement this functionality while ensuring that each student is recorded correctly?

6. **Customer Order Queue**

A restaurant is using a digital ordering system where each new customer order is added to an array called `orderQueue`. How would you ensure that new orders are pushed into the array in the order they are received?

7. **Emergency Contact List**

A mobile application allows users to add emergency contacts to an array named `emergencyContacts`. How will you implement a feature that lets users add new contacts to the array without affecting the existing ones?

8. **Chat Application Message Storage**

In a real-time chat application, messages between two users are stored in an array called `chatMessages`. Each new message should be added to the array when a user sends a text. How would you implement this using `array.push()`?

9. **Online Exam Question Bank**

A learning platform allows instructors to create quizzes by adding multiple questions to an array called `questionBank`. How will you use `array.push()` to ensure each new question is added correctly without replacing the previous ones?

10. **Warehouse Inventory Management**

A warehouse management system tracks incoming shipments by adding product details to an array named `inventoryList`. How would you implement a function that appends new products to the array each time a shipment arrives?