

CLASS AND OBJECT QUESTIONS

1. Create a Rectangle class with attributes length and width. Implement a method `calculate_area()` that calculates and returns the area of the rectangle.
2. Create a Person class with attributes name and age. Implement a method `is_major()` that returns True if the person is 18 years or older, and False otherwise.
3. Create a Book class with attributes title, author, and price. Implement a method `discounted_price(percent)` that calculates and returns the discounted price of the book based on the given percentage.
4. Create a class called Playlist that represents a music playlist. The class should have attributes for the playlist's name and a list to store songs. It should have methods to add a song to the playlist, remove a song from the playlist, and play the next song in the playlist.
5. Create a class called Product that represents a product in an online store. The class should have attributes for the product's name, price, and quantity. It should also have a method called `sell` that reduces the quantity of the product when a sale is made.