

4

```
*****CART*****
Ordered Items
1. DVD - The Lion King - Animation - Roger Allers - 87: 19.95$
2. DVD - Star Wars - Science Fiction - George Lucas - 87: 24.95$
3. DVD - Animation - Aladin - null - 0: 18.99$
Total cost: 63.89$
*****

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*****
DVD Title: The Lion King - Category: Animation - Director: Roger Allers - Length: 87 min - Cost: 19.95$
DVD Title: Star Wars - Category: Science Fiction - Director: George Lucas - Length: 87 min - Cost: 24.95$
No DVD found with title: Unknown
```

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Testing addDVD method:
DVD "The Lion King" has been added to the store.
DVD "Star Wars" has been added to the store.
DVD "Animation" has been added to the store.
Number of DVDs in store after adding: 3

Testing removedDVD method:
DVD "Star Wars" has been removed from the store.
Number of DVDs in store after removing: 2
DVD "Harry Potter" not found in the store.
```

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Time for String: 200 ms
Time for StringBuilder: 3 ms
Time for StringBuffer: 3 ms
```

```
<terminated> NoGarbage [Java Application] /Library/Java/JavaVirtualMachines/dk-23.jdk/Contents/Home/bin/java (21:02:42.25 tng 4, 2025 - 21:02:44 elapsed: 0:00:01.652) [pid: 13113]  
Time for NoGarbage: 26 ms  
Length of resulting string: 10485760
```

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Testing play functionality:  
Playing DVD: The Lion King  
DVD length: 87  
DVD "Invalid DVD" cannot be played because its length is 0  
Playing CD: Greatest Hits  
CD length: 3  
Playing Track: Song 1  
Track length: 3  
Track "Song 2" cannot be played because its length is 0
```