



contains main method  
and initiates cart

maintains list of  
items

abstract class

concrete class

concrete class

:ShoppingCartApp

:ShoppingCart

:Item

:Book

:GiftCard

execute

display menu

loop

enter choice

alt/

[choice==1]

fetch items

get details of item

get details of item

return details

get details of item

return details

prints list of items

return items

alt/

enter item choice

ask item choice

[choice==2]

enter item details

add item

return added item

display added item

alt/

ask which item to remove

enter item choice

remove item

[choice==3]

return removed item

display removed item

alt/

exit

[choice==4]