You will notice that I use a try statement to convert the users choice of action to an integer. You didn't need to do that, but I enjoy showing off a little bit sometimes.

Here is the start of the program:

```
shopping_Cart_Items=[]
shopping_Cart_Prices=[]
shopping_Cart_Quantity= []
# these three lists will track items, price of item, and quantity of items
action_List=['1. Add an item','2. List items in cart', '3. Remove an item', '4.Total Cart'
action = 0
# Use while loop to continue until option 5 is chosen
while action !=5:
  #print out menu of possible actions
  for option in action_List:
    print(option)
  # Get choice
  choice = input ("Enter the number of your choice ")
  try:
    action = int(choice)
  except:
    print("please enter a number for the choice")
  if action == 1:
    item_Name=input("What item do you wish to enter? ")
    item_Price = float(input(f'What is the price of {item_Name}? '))
    item_Quantity = int(input(f'How many of {item_Name} do you desire? '))
    shopping_Cart_Items.append(item_Name)
    shopping_Cart_Prices.append(item_Price)
    shopping_Cart_Quantity.append(item_Quantity)
```

Then here is the remove an item part. This is more extensive than is required by the assignment.

```
  if action == 2:
    for count in range(len(shopping_Cart_Items)):
      print(f'{count+1}. {shopping_Cart_Items[count]} ${shopping_Cart_Prices[count]:.2f}')
  if action == 3:
    # get index of item and then check for more than 1 in quantity list
    target = input('What item do you wish to remove? ')
    target_Index = shopping_Cart_Items.index(target)
    # add in check to see if this is the item to remove and after yes then
    if shopping_Cart_Quantity[target_Index]>1:
      shopping_Cart_Quantity[target_Index]-=1
    else:
      shopping_Cart_Items.pop(target_Index)
      shopping_Cart_Prices.pop(target_Index)
      shopping_Cart_Quantity.pop(target_Index)
  if action == 4:
    total = 0
    for count in range(len(shopping_Cart_Items)):
      total += shopping_Cart_Quantity[count] * shopping_Cart_Prices[count]
    print(f'Your cart totals ${total:.2f}')
  if action == 5:
    print('Good bye!')
```