

Task (1):

LUHN

Answer:

```
def luhn_check(card_number):  
    # Remove non-digit characters  
    card_number = list(filter(str.isdigit, card_number))  
    total = 0  
  
    for i, digit in enumerate(reversed(card_number)):  
        n = int(digit)  
        # Double every second digit  
        if i % 2 == 1:  
            n *= 2  
            if n > 9:  
                n -= 9  
        total += n  
  
    return total % 10 == 0  
  
card_number = "4532 1488 0343 6467"  
print(luhn_check(card_number))
```

Task (2):

Remove Punctuations from UserInput String (without using remove function)

Answer:

```
def remove_punctuations(user_input):  
    punctuations = '''!()-[]{};:'"\<>./?@#$$%^&*~' '''  
    result = ""  
    for char in user_input:  
        if char not in punctuations:  
            result += char  
    return result  
input_string = "Hello, World! This is a test string."  
cleaned_string = input_string  
print(cleaned_string)
```

Task (3):

Sort text (word) in Alphabetical Order (without using sort function)

Answer:

```
def alphabetical_sort(words):  
    sorted_words = []  
    while words:  
        smallest = words[0]  
        for word in words:  
            if word < smallest:  
                smallest = word  
        sorted_words.append(smallest)  
        words.remove(smallest)  
    return sorted_words  
  
# Example usage  
words_list = ["banana" ,"apple" ,"orange" ,"Grapes"]  
sorted_list = alphabetical_sort(words_list)  
print(sorted_list)
```