TASK 1 - Joining two lists

```
A = []
\mathsf{B} = []
print("Enter value for the first list (or '00' to finish): ")
while True:
   item = input()
   if item == '00':
       break
   A.append(item)
print("Enter value for the second list (or '00' to finish): ")
while True:
   item = input()
   if item == '00':
       break
   B.append(item)
joined_list = A + B
print("Joined List:", joined_list)
Enter value for the first list (or '00' to finish):
     9
     2
     Enter value for the second list (or '00' to finish):
     2
     34
     6
     99
     Joined List: ['0', '9', '2', '2', '34', '6']
TASK-2 Find even numbers
even numbers = []
print("Enter the value (or '00' to finish): ")
while True:
   user_input = input()
    if user input == '00':
        break
   try:
        number = int(user_input)
        if number % 2 == 0:
            even_numbers.append(number)
    except ValueError:
        print("Invalid input. Please enter a valid number.")
if even_numbers:
   print("Even numbers entered:", even_numbers)
else:
    print("No even numbers were entered.")
     Enter the value (or '00' to finish):
     45
     4
     5
     0
     00
     Even numbers entered: [4, 0]
TASK 3 - Dictionary with 3 key and 2 values
my_dict = {}
for i in range(3):
   key = input(f"Enter key: ")
    value1 = input(f"Enter the first value for {key}: ")
   value2 = input(f"Enter the second value for {key}: ")
    my_dict[key] = [value1, value2]
print("Dictionary with 3 keys and 2 values for each key:")
print(my_dict)
     Enter key: Av
     Enter the first value for Av: 1
     Enter the second value for Av:
     Enter key: Hl
```

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         Enter the first value for Hl: 1
         Enter the second value for H1: 2
         Enter key: SA
         Enter the first value for SA: 1
         Enter the second value for SA:
         Dictionary with 3 keys and 2 values for each key: {'Av': ['1', ''], 'H1': ['1', '2'], 'SA': ['1', '']}
   TASK 4 - To find odd numbers
   def find_odd_numbers():
       odd_numbers = []
       print("Enter a number (or '00' to finish): ")
       while True:
            user_input = input()
            if user_input == '00':
                break
            try:
                number = int(user_input)
                if number % 2 != 0:
                    odd_numbers.append(number)
            except ValueError:
               print("Invalid input. Please enter a valid number.")
        if odd numbers:
           print("Odd numbers entered:", odd_numbers)
           print("No odd numbers were entered.")
   find_odd_numbers()
         Enter a number (or '00' to finish):
         No odd numbers were entered.
   TASK 5 - sum of all values
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```
numbers = []
print("Enter a number (or '00' to finish): ")
while True:
       user_input = input()
       if user_input == '00':
           break
           number =int(user_input)
           numbers.append(number)
       except ValueError:
           print("Invalid input. Please enter a valid number.")
total = sum(numbers)
print("Sum of numbers:", total)
    Enter a number (or '00' to finish):
    Sum of numbers: 0
```