Task 1

```
list1 = [0 ,1, 2, 3, 4]
list2 = [5, 6, 7, 8]
joined_list = list1 + list2
print(joined_list)
```

```
[0, 1, 2, 3, 4, 5, 6, 7, 8]
```

Task 2

```
numbers = [0, 1, 2, 3, 4, 5, 6, 7, 8]
even_numbers = []

for num in numbers:
  if num % 2 == 0:
    even_numbers·append(num)

print(even_numbers)
```

```
[0, 2, 4, 6, 8]
```

Task 3

```
keys = ['key1', 'key2', 'key3']
values = [[1, 2], [3, 4], [5, 6]]
my_dict = {}

for i in range(len(keys)):
  my_dict[keys[i]] = values[i]

print(my_dict)
```

```
{'key1': [1, 2], 'key2': [3, 4], 'key3': [5, 6]}
```

Task 4

```
numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
odd_numbers =[]

for num in numbers:
  if num % 2 != 0:
    odd_numbers·append(num)

print(odd_numbers)
```

```
[1, 3, 5, 7, 9]
```

Task 5

```
my_list = [8, 2, 3, 0, 7]
total = 0
for num in my_list:
  total += num
print(total)
```

```
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```