

```
def find_average_of_odd_numbers(numbers):
    odd_numbers = [num for num in numbers if num % 2 != 0]
    if not odd_numbers:
        return 0 # Return 0 if there are no odd numbers in the list
    else:
        return sum(odd_numbers) / len(odd_numbers)
```

```
data = [68, 71, 21, 68, 32, 80, 64, 52, 92, 97, 93, 37, 61, 62, 23, 81, 67, 84, 33, 41, 92, 51, 71, 52, 92,
43,
80, 74, 69, 92, 79, 78, 70, 31, 34, 79, 73, 77, 96, 87, 53, 47, 85, 58, 58, 87, 44, 29, 94, 23, 65, 49,
71, 57, 96, 74, 30, 65, 62, 85, 34, 21, 81, 79, 84, 87, 22, 45, 59, 91, 26, 22, 46, 71, 60, 21, 67, 21,
56, 38, 82, 95, 77, 55, 37, 61, 59, 89, 61, 75, 97, 72, 58, 23, 78, 20, 95, 67, 59, 56, 93, 82, 35, 78,
94, 67, 25, 95, 90, 80, 78, 73, 91, 52, 59, 96, 46, 94, 99, 78, 53, 40, 67, 76, 73, 46, 77, 40, 34, 38,
34, 42, 69, 86, 61, 76, 21, 90, 52, 65, 36, 93, 55, 86, 95, 65, 30, 89, 86, 20, 92, 46, 58, 75, 43, 57,
53, 42, 43, 37, 26, 90, 58, 31, 73, 71, 63, 70, 72, 78, 26, 39, 35, 58, 84, 56, 24, 73, 36, 75, 32, 35,
56, 87, 87, 73, 80, 78, 25, 61, 38, 94, 36, 90, 70, 65, 34, 61, 44, 85, 41, 50, 23, 34, 20, 87, 84, 30,
21, 84, 65, 85, 88, 73, 54, 47, 77, 41, 35, 71]
```

```
average = find_average_of_odd_numbers(data)
print("Average of odd numbers:", average)
Average of odd numbers: 55.75409836065574
```

```
def find_third_largest_number(numbers):
    if len(numbers) < 3:
        return "List contains less than three numbers."
    else:
        unique_numbers = list(set(numbers)) # Remove duplicates
        unique_numbers.sort(reverse=True) # Sort in descending order
        return unique_numbers[2] # Return the third largest number

third_largest = find_third_largest_number(data)
```

```
print("Third largest number:", third_largest)
```

Third largest number: 97

```
def count_even_odd_numbers(numbers):
```

```
    even_count = 0
```

```
    odd_count = 0
```

```
    for num in numbers:
```

```
        if num % 2 == 0:
```

```
            even_count += 1
```

```
        else:
```

```
            odd_count += 1
```

```
    return even_count, odd_count
```

```
even_count, odd_count = count_even_odd_numbers(data)
```

```
print("Even numbers count:", even_count)
```

```
print("Odd numbers count:", odd_count)
```

Even numbers count: 87

Odd numbers count: 93