

```
def sum_even_odd(numbers):
    """
    Calculates the sum of even and odd numbers from a list.

    Args:
        numbers (list): A list of integers.

    Returns:
        tuple: A tuple containing:
            - sum_even (int): Sum of all even numbers
            - sum_odd (int): Sum of all odd numbers
    """
    sum_even = 0
    sum_odd = 0

    for num in numbers:
        if num % 2 == 0:
            sum_even += num
        else:
            sum_odd += num

    return sum_even, sum_odd
```

```
def sum_even_odd(numbers):
    """
    Returns the sum of even and odd integers in a list.

    Parameters:
        numbers (list of int): List containing integer values.

    Returns:
        tuple: (even_sum, odd_sum)
    """
    return sum_even, sum_odd
```

```
class sru_student:
    # Constructor to initialize student details
    def __init__(self, name, roll_no, hostel_status):
        self.name = name          # Stores student name
        self.roll_no = roll_no    # Stores roll number
        self.hostel_status = hostel_status # Hostel resident or not

    # Updates the student fee based on hostel status
    def fee_update(self):
        if self.hostel_status:
            self.fee = 80000      # Fee for hostel students
        else:
            self.fee = 50000      # Fee for day scholars

    # Displays student details
    def display_details(self):
```

```
print("Name:", self.name)
print("Roll No:", self.roll_no)
print("Hostel Status:", self.hostel_status)
print("Fee:", self.fee)
```

```
class sru_student:
    def __init__(self, name, roll_no, hostel_status):
        # Initialize student attributes
        self.name = name
        self.roll_no = roll_no
        self.hostel_status = hostel_status

    def fee_update(self):
        # Determine fee based on hostel status
        if self.hostel_status:
            self.fee = 80000
        else:
            self.fee = 50000

    def display_details(self):
        # Print student information
        print("Name:", self.name)
        print("Roll No:", self.roll_no)
        print("Hostel Status:", self.hostel_status)
        print("Fee:", self.fee)
```