```
# Define the sets
E = {8,  2,  4,  0, 6}
N = {1,2,3, 4,5}

# Union
U = E.union(N)
print("Union of E and N:", U)

# Intersection
I = E.intersection(N)
print("Intersection of E and N:", I)

# Difference
D = E.difference(N)
print("Difference of E and N:", D)

# Symmetric difference
S = E.symmetric_difference(N)
print("Symmetric difference of E and N:", S)
```

```
Union of E and N: {0, 1, 2, 3, 4, 5, 6, 8}
Intersection of E and N: {2, 4}
Difference of E and N: {0, 8, 6}
Symmetric difference of E and N: {0, 1, 3, 5, 6, 8}
```