

```
#Program to perform different set operations
```

```
#define sets
```

```
E = {0, 2, 4, 6, 8};
```

```
N = {1, 2, 3, 4, 5};
```

```
#union of sets
```

```
print("Union of E and N is",E | N)
```

```
#intersection of sets
```

```
print("Intersection of E and N is",E & N)
```

```
#difference of sets
```

```
print("Difference of E and N is",E - N)
```

```
#symmetric difference of sets
```

```
print("Symmetric difference of E and N is",E ^ N)
```

```
Union of E and N is {0, 1, 2, 3, 4, 5, 6, 8}
```

```
Intersection of E and N is {2, 4}
```

```
Difference of E and N is {0, 8, 6}
```

```
Symmetric difference of E and N is {0, 1, 3, 5, 6, 8}
```