CSE 341 – PROGRAMMING LANGUAGES HOMEWORK 4 BERKE BELGIN 171044065

Tests:

```
?- route(burdur, isparta).
true;
false.
?- route(istanbul, moskova).
false.
```

?- route(istanbul, X).

```
X = antalya;
X = konya;
X = ankara;
X = van;
X = rize;
X = gaziantep;
X = izmir;
X = isparta;
X = burdur;
false.
```

Tests:

```
?- sroute(istanbul,Y,D).
Y = antalya,
D = 482;
Y = ankara,
D = 351;
Y = van,
D = 1262;
Y = rize,
D = 967;
Y = gaziantep,
D = 847;
Y = izmir,
D = 328;
false.
```

Tests:

```
?- schedule(a, P, T).
P = z23,
T = 10;
P = z11,
T = 12.
```

```
?- usage(207, T).
T = 16 ;
T = 17.
```

```
?- conflict(X,Y).

X = Y, Y = 102;

X = Y, Y = 108;

X = Y, Y = 341;

X = Y, Y = 455;

X = Y, Y = 452.
```

```
?- meet(X,Y).

X = Y, Y = a;

X = a,

Y = b;

X = Y, Y = a;

X = a,

Y = c;

X = b,

Y = a;

X = Y, Y = b;

X = C,

Y = a;

X = Y, Y = c;

X = Y, Y = c;

X = Y, Y = e;

false.
```

Tests: