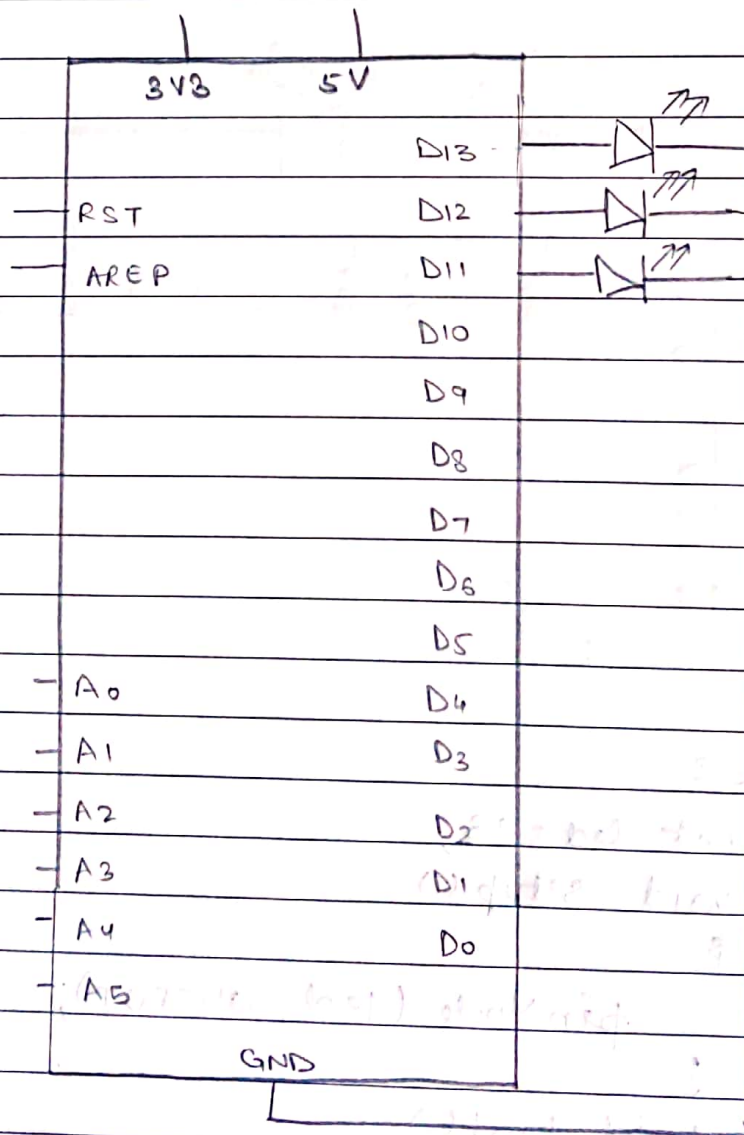PROGRAN NO : 2

PROGRAN TITLE: TRAFFIC CONTROL

AIM: Traffic signal simulation

HARDWARE REQUIRENENTS: Arduino Board, LED's, Resistors, Connecting wires

CIRCUIT DIAGRAM:

CODE :

```
void setup ()
{
    pinMode (13, OUTPUT);
    pinMode (12, OUTPUT);
    pinMode (11, OUTPUT);
}

void loop ()
{
    digitalWrite (13, HIGH);
    digitalWrite (12, LOW);
    digitalWrite (11, LOW);
    delay (5000);
    digitalWrite (13, LOW);
    digitalWrite (12, HIGH);
    digitalWrite (11, LOW);
    delay (1000);
    digitalWrite (13, LOW);
    digitalWrite (12, LOW);
    digitalWrite (11, HIGH);
    delay (5000);
}
```