

```
//Program code for Anti sleep alram Detector for drivers  
//RESEARCH TAMILAN
```

```
const int blinkPin = 2;
```

```
const int motorPin = 8;
```

```
const int buzzerPin = 9;
```

```
long time;
```

```
void setup() {
```

```
  pinMode(motorPin, OUTPUT);
```

```
  pinMode(buzzerPin, OUTPUT);
```

```
  pinMode(blinkPin, INPUT);
```

```
  digitalWrite(motorPin, HIGH);
```

```
}
```

```
void loop() {
```

```
  if(!digitalRead(blinkPin)){
```

```
    time=millis();
```

```
    while(!digitalRead(blinkPin)){
```

```
      digitalWrite(buzzerPin, LOW);
```

```
      digitalWrite(motorPin, LOW);
```

```
      delay(1000);
```

```
    }
```

```
}
```

```
  else {
```

```
    if(TimeDelay()>=3)digitalWrite(buzzerPin, HIGH);
```

```
    if(TimeDelay()>=4)digitalWrite(motorPin, HIGH);
```

```
}
```

```
}
```

```
int TimeDelay(){
```

```
  long t=millis()-time;
```

```
  t=t/1000; return t;
```

```
}
```