

```
lcd_servo_working $  
Serial.println("Welcome to Smart Car Parking System");  
Serial.println("-----");  
analogWrite(A0, contrast);  
lcd.begin(16, 2);  
lcd.setCursor(0, 0);  
}
```

```
void loop()  
{  
isObstacle1 = digitalRead(isObstacle1Pin);  
isObstacle2 = digitalRead(isObstacle2Pin);  
isObstacle3 = digitalRead(isObstacle3Pin);  
isObstacle4 = digitalRead(isObstacle4Pin);  
isObstacle5 = digitalRead(isObstacle5Pin);  
lcd.setCursor(0, 0);  
lcd.print("Hello");  
  
// For checking slots  
Serial.println("Booked Slots");  
for(i=0; i<=2; i++)  
{  
val[i]=digitalRead(place[i]);  
if(val[i]==1)  
{  
Serial.println(i+1);  
Serial.println();  
}  
}
```

```
// For Entry Gate
```

Done Saving.

Sketch uses 6606 bytes (2%) of program storage space. Maximum is 253952 bytes.

Global variables use 611 bytes (7%) of dynamic memory, leaving 7581 bytes for local variables. Maximum is 8192 bytes.

