C Programming: [VOICE BASED HOME AUTOMATION SYSTEM]

```
#include<softwareserial.h>
String value; int TXD=11;
int RXD=10;

int     servopsition;     Softwareserial
Bluetooth(TxD,RxD);

Void setup() {
PinMode(2,output);
Pin (mode3,output);
Serial.Begin(9600);
}
Void loop () {
Serial.peintln(value);
If (Bluetooth. Available ())
{
Value=Bluetooth.readstring();
If (value=="all LED turn on")
{
Digital wrire(2,HIGH);
Digitalwrite (3, HIGH);
```

```
}
If (value=="all LED turn off")
{
Digitalwrite (2, LOW);
Digitalwrite (2, LOW);
}
If (value=="turn on Red LED")
{
Digitalwrite (2, HIGH);
}
If (value=="turn on green LED);
{
Digital write (3, HIGH);
}
If (VALUE=="turn on red LED)
{
Digital write (2,LOW);
}
If (value=="tune on green LED");
Digitalwrite (3, LOW);
}
}
}
```