

```
void loop() {  
    byte user_input = 0;  
  
    if (Serial.available() > 0) {  
        user_input = Serial.read();  
  
        if (user_input == 'f') {  
            Serial.println("Forward");  
            pinMode(3, HIGH);  
            pinMode(2, LOW);  
        } else if (user_input == 'r') {  
            Serial.println("Reverse");  
            pinMode(2, HIGH);  
            pinMode(3, LOW);  
        } else if (user_input == 's') {  
            Serial.println("Stop");  
            pinMode(2, LOW);  
            pinMode(3, LOW);  
        } else {  
            Serial.println("Invalid character");  
        }  
    }  
}
```

```
void setup() {  
    // put your setup code here, to run once:  
    pinMode(2, OUTPUT);  
    pinMode(3, OUTPUT);  
    digitalWrite(2, HIGH);  
    digitalWrite(3, LOW);  
}  
  
void loop() { }
```

```
void setup() {  
    Serial.begin(115200);  
    Serial.println("Setup completed");  
}
```

```
void loop() {  
    // put your main code here, to run repeatedly:  
    int val2 = 0;  
    int val3 = 0;  
    val2 = digitalRead(2);  
    val3 = digitalRead(3);  
    Serial.println(val2);  
    Serial.println(val3);  
}
```