

```

// Remote Control Pooling Loop
int KEY = 0;
int commandArray[5] = {0x0002, 0x0003, 0x0004, 0x0008, 0x0012};
int TurnOff = 0x0001, VolUp = 0x0034, VolDown = 0x0037, ChannUp = 0x0038;
int ChannDown = 0x0039;

```

```

while(1)
{
    // This function returns the value of the pressed key
    KEY = getPressedKey();

    switch (KEY)
    {
        // Volume Up
        case "u":
        case "U":
            sendCommandWord(VolUp);
            break;

        // Volume Down
        case "d":
        case "D":
            sendCommandWord(VolDown);
            break;

        // Channel Up
        case "r":
        case "R":
            sendCommandWord(ChannUp);
            break;

        // Channel Down
        case "l":
        case "L":
            sendCommandWord(ChannDown);
            break;

        // Turn Off
        case "q":
        case "Q":
            sendCommandWord(TurnOff);
            break;

        // Send Commands
        case "c":
        case "C":
            index = 0
            while(index<5)
            {
                sendCommandWord(commandArray[index]);
                index++;
            }
            break;
    }
}

```



