```
#include  <AltSoftSerial.h>
#include  <SoftwareSerial.h>


byte  BTdata[100];
byte  counterBT=0;
byte  Mountdata[100];
byte  counterMount=0;

#define  rxMountpin  10
#define  txMountpin  11
#define  rxSKYSAFARIpin  8
#define  txSKYSAFARIpin  9

AltSoftSerial   serialSKYSAFARI;
SoftwareSerial   serialMOUNT(rxMountpin,  txMountpin);

void setup() {

   Serial.begin(9600);
  while (!Serial) ;

   pinMode(rxMountpin,  INPUT);
   pinMode(txMountpin,  OUTPUT);
   pinMode(rxSKYSAFARIpin,  INPUT);
   pinMode(txSKYSAFARIpin,  OUTPUT);
   serialMOUNT.begin(9600);
   serialSKYSAFARI.begin(9600);
}

void loop() {

byte  inMount;
int  ix=0;

while(serialMOUNT.available())
```

```
{
inMount=serialMOUNT.read();
delay(2);
      if(serialMOUNT.available())
     {
        Mountdata[counterMount]=inMount;
       counterMount++;
     }
     else
     {
         Mountdata[counterMount]=inMount;
         for(ix=0;ix<=counterMount;ix++)
        {
           serialSKYSAFARI.write(Mountdata[ix]);
        }
         memset(Mountdata, 0, sizeof(Mountdata));
        counterMount=0;
     }

}


byte inBT;
while(serialSKYSAFARI.available())
{
inBT=serialSKYSAFARI.read();
delay(2);

      if(serialSKYSAFARI.available())
     {
        BTdata[counterBT]=inBT;
       counterBT++;
     }
     else
     {
         int inx=0;
```

```
        BTdata[counterBT]=inBT;
        if(BTdata[0]==36)
        {
          while(BTdata[inx]==36)
          {
            inx++;
          }
        }
        else
        {
          inx=0;
        }
        for(ix=inx;ix<=counterBT;ix++)
        {
          serialMOUNT.write(BTdata[ix]);
        }
        memset(BTdata, 0, sizeof(BTdata));
        counterBT=0;
      }

}




}
```