

Transmitting Arduino Code:

```
int b1=3; // connected to b0 of touch screen
int b2=5; // connected to b1 of touch screen
int b3=6; // connected to b2 of touch screen
int b4=7; // connected to b3 of touch screen
int b5=8; // connected to b4 of touch screen
int b6=9; // connected to b5 of touch screen
int b7=10; // connected to b6 of touch screen
int b8=11; // connected to b7 of touch screen
int b9=12; // connected to I01 of touch screen
int lu=13; // connected to I02 of touch screen
int p1=0;
int p2=0;
int p3=0;
int p4=0;
int A=2;
int B=2;
int C=3;
int D=4;
int Touch1=0;
int Touch2=0;
int Touch3=0;
int Touch4=0;
int Touch5=0;
int Touch6=0;
int Touch7=0;
int Touch8=0;
int Touch9=0;
void setup ()
{

pinMode(b1,INPUT);
pinMode(b2,INPUT);
pinMode(b3,INPUT);
pinMode(b4,INPUT);
pinMode(b5,INPUT);
pinMode(b6,INPUT);
pinMode(b7,INPUT);
pinMode(b8,INPUT);
pinMode(b9,INPUT);
pinMode(lu,INPUT);
Serial.begin(9600);
}

void loop()
{
// digitalWrite(ledPin, HIGH);
do{
Touch1=digitalRead(b1);
Touch2=digitalRead(b2);
Touch3=digitalRead(b3);
Touch4=digitalRead(b4);
Touch5=digitalRead(b5);
Touch6=digitalRead(b6);
Touch7=digitalRead(b7);
Touch8=digitalRead(b8);
```



```
Touch9=digitalRead(b9);
//Serial.print(Touch2);
delay(1000);
if(Touch1==HIGH)
p1=1;
if(Touch2==HIGH)
p1=2;
if(Touch3==HIGH)
p1=3;
if(Touch4==HIGH)
p1=4;
if(Touch5==HIGH)
p1=5;
if(Touch6==HIGH)
p1=6;
if(Touch7==HIGH)
p1=7;
if(Touch8==HIGH)
p1=8;
if(Touch9==HIGH)
p1=9;

}
while(p1==0);
Serial.println(p1);
```

```
do{
Touch1=digitalRead(b1);
Touch2=digitalRead(b2);
Touch3=digitalRead(b3);
Touch4=digitalRead(b4);
Touch5=digitalRead(b5);
Touch6=digitalRead(b6);
Touch7=digitalRead(b7);
Touch8=digitalRead(b8);
Touch9=digitalRead(b9);
//Serial.print(Touch2);
delay(1000);
if(Touch1==HIGH)
p2=1;
if(Touch2==HIGH)
p2=2;
if(Touch3==HIGH)
p2=3;
if(Touch4==HIGH)
p2=4;
if(Touch5==HIGH)
p2=5;
if(Touch6==HIGH)
p2=6;
if(Touch7==HIGH)
p2=7;
if(Touch8==HIGH)
p2=8;
```



```
if(Touch9==HIGH)
p2=9;
```

```
}
while(p2==0);
Serial.println(p2);
```

```
do{
Touch1=digitalRead(b1);
Touch2=digitalRead(b2);
Touch3=digitalRead(b3);
Touch4=digitalRead(b4);
Touch5=digitalRead(b5);
Touch6=digitalRead(b6);
Touch7=digitalRead(b7);
Touch8=digitalRead(b8);
Touch9=digitalRead(b9);
//Serial.print(Touch2);
delay(1000);
if(Touch1==HIGH)
p3=1;
if(Touch2==HIGH)
p3=2;
if(Touch3==HIGH)
p3=3;
if(Touch4==HIGH)
p3=4;
if(Touch5==HIGH)
p3=5;
if(Touch6==HIGH)
p3=6;
if(Touch7==HIGH)
p3=7;
if(Touch8==HIGH)
p3=8;
if(Touch9==HIGH)
p3=9;
```

```
}
while(p3==0);
Serial.println(p3);
```

```
do{
Touch1=digitalRead(b1);
Touch2=digitalRead(b2);
Touch3=digitalRead(b3);
Touch4=digitalRead(b4);
Touch5=digitalRead(b5);
Touch6=digitalRead(b6);
Touch7=digitalRead(b7);
Touch8=digitalRead(b8);
```


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int D=4;
int Touch1=0;
int Touch2=0;
int Touch3=0;
int Touch4=0;
int Touch5=0;
int Touch6=0;
int Touch7=0;
int Touch8=0;
int Touch9=0;
void setup ()
{

pinMode(b1,INPUT);
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Serial.begin(9600);
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void loop()
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do{
Touch1=digitalRead(b1);
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Touch8=digitalRead(b8);
```

