

```
int Do=1916;
int DoS=1805;
int Re=1702;
int ReS=1607;
int Mi=1520;
int Fa=1431;
int FaS=1351;
int Sol=1275;
int SolS=1205;
int La=1136;
int LaS=1073;
int Si=1014;
int DoA=956;
int DoAS=903;
int ReA=852;
int ReAS=804;
int MiA=759;
int FaA=716;
int FaAS=676;
int SolA=638;
int SolAS=601;
int LaA=568;
int LaAS=536;
int SiA=506;
int zumb=6;
int m=0;
int nota1=150;
int nota2=150;
int nota3=150;
int nota4=150;
int nota5=150;
int nota6=150;
int nota7=150;
int nota8=150;
int nota9=150;
int nota10=150;
int nota11=150;
int nota12=150;
int nota13=150;
int nota14=150;
int nota15=150;
int nota16=150;
int nota17=150;
int nota18=150;
int nota19=150;
int nota20=150;
int nota21=150;
int nota22=150;
int nota23=150;
int nota24=150;
```

```
int nota25=150;
int nota26=150;
int nota27=150;
int nota28=150;
int nota29=150;
int nota30=150;
int nota31=150;
int nota32=150;
int nota33=150;
int nota34=150;
int nota35=150;
int nota36=150;
int nota37=150;
int nota38=150;
int nota39=150;
int nota40=150;
int nota41=150;
int nota42=150;
int nota43=150;
int nota44=150;
int nota45=150;
int nota46=150;
int nota47=150;
int nota48=150;
int nota49=150;
int nota50=150;
int nota51=150;
int nota52=150;
```

```
void setup()
{
  pinMode(zumb,OUTPUT);
}
```

```
void loop()
{
  for(m=0;m<=nota1;m++)
  {
    digitalWrite(zumb,HIGH);
    delayMicroseconds(La);
    digitalWrite(zumb,LOW);
    delayMicroseconds(La);
  }
  delay(25);

  for(m=0;m<=nota2;m++)
  {
    digitalWrite(zumb,HIGH);
    delayMicroseconds(Si);
    digitalWrite(zumb,LOW);
```

```
    delayMicroseconds(Si);
}
delay(25);

    for(m=0;m<=nota3;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
delay(50);

    for(m=0;m<=nota4;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
delay(50);

    for(m=0;m<=nota5;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
delay(25);

    for(m=0;m<=nota6;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(La);
        digitalWrite(zumb,LOW);
        delayMicroseconds(La);
    }
delay(25);

    for(m=0;m<=nota7;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
delay(25);

    for(m=0;m<=nota8;m++)
```

```
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(La);
    digitalWrite(zumb,LOW);
    delayMicroseconds(La);
}
```

```
delay(25);
```

```
    for(m=0;m<=nota9;m++)
```

```
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(La);
    digitalWrite(zumb,LOW);
    delayMicroseconds(La);
}
```

```
delay(25);
```

```
    for(m=0;m<=nota10;m++)
```

```
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(Si);
    digitalWrite(zumb,LOW);
    delayMicroseconds(Si);
}
```

```
delay(25);
```

```
    for(m=0;m<=nota11;m++)
```

```
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(DoA);
    digitalWrite(zumb,LOW);
    delayMicroseconds(DoA);
}
```

```
delay(25);
```

```
    for(m=0;m<=nota12;m++)
```

```
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(DoA);
    digitalWrite(zumb,LOW);
    delayMicroseconds(DoA);
}
```

```
delay(25);
```

```
    for(m=0;m<=nota13;m++)
```

```
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(La);
    digitalWrite(zumb,LOW);
    delayMicroseconds(La);
}
```

```
}  
delay(25);  
  
    for(m=0;m<=nota14;m++)  
    {  
        digitalWrite(zumb,HIGH);  
        delayMicroseconds(La);  
        digitalWrite(zumb,LOW);  
        delayMicroseconds(La);  
    }  
delay(25);
```

```
    for(m=0;m<=nota15;m++)  
    {  
        digitalWrite(zumb,HIGH);  
        delayMicroseconds(Si);  
        digitalWrite(zumb,LOW);  
        delayMicroseconds(Si);  
    }  
delay(25);
```

```
    for(m=0;m<=nota16;m++)  
    {  
        digitalWrite(zumb,HIGH);  
        delayMicroseconds(DoA);  
        digitalWrite(zumb,LOW);  
        delayMicroseconds(DoA);  
    }  
delay(25);
```

```
    for(m=0;m<=nota17;m++)  
    {  
        digitalWrite(zumb,HIGH);  
        delayMicroseconds(DoA);  
        digitalWrite(zumb,LOW);  
        delayMicroseconds(DoA);  
    }  
delay(25);
```

```
    for(m=0;m<=nota18;m++)  
    {  
        digitalWrite(zumb,HIGH);  
        delayMicroseconds(Si);  
        digitalWrite(zumb,LOW);  
        delayMicroseconds(Si);  
    }  
delay(25);
```

```
    for(m=0;m<=nota19;m++)  
    {
```

```
    digitalWrite(zumb,HIGH);
    delayMicroseconds(La);
    digitalWrite(zumb,LOW);
    delayMicroseconds(La);
}
delay(25);
```

```
    for(m=0;m<=nota20;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(La);
        digitalWrite(zumb,LOW);
        delayMicroseconds(La);
    }
delay(25);
```

```
    for(m=0;m<=nota21;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
delay(25);
```

```
    for(m=0;m<=nota22;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
delay(25);
```

```
    for(m=0;m<=nota23;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
delay(25);
```

```
    for(m=0;m<=nota24;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(La);
        digitalWrite(zumb,LOW);
        delayMicroseconds(La);
    }
```

```
delay(25);

    for(m=0;m<=nota25;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(La);
        digitalWrite(zumb,LOW);
        delayMicroseconds(La);
    }
delay(25);
```

```
    for(m=0;m<=nota26;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
delay(25);
```

```
    for(m=0;m<=nota27;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
delay(25);
```

```
    for(m=0;m<=nota28;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
delay(25);
```

```
    for(m=0;m<=nota29;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
delay(25);
```

```
    for(m=0;m<=nota30;m++)
    {
        digitalWrite(zumb,HIGH);
```

```
    delayMicroseconds(DoA);
    digitalWrite(zumb,LOW);
    delayMicroseconds(DoA);
}
delay(25);
```

```
    for(m=0;m<=nota31;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
delay(25);
```

```
    for(m=0;m<=nota32;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Sol);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Sol);
    }
delay(25);
```

```
    for(m=0;m<=nota33;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
delay(25);
```

```
    for(m=0;m<=nota34;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Mi);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Mi);
    }
delay(25);
```

```
    for(m=0;m<=nota35;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(La);
        digitalWrite(zumb,LOW);
        delayMicroseconds(La);
    }
delay(25);
```

```
    for(m=0;m<=nota36;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
    delay(25);
```

```
    for(m=0;m<=nota37;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(La);
        digitalWrite(zumb,LOW);
        delayMicroseconds(La);
    }
    delay(25);
```

```
    for(m=0;m<=nota38;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(La);
        digitalWrite(zumb,LOW);
        delayMicroseconds(La);
    }
    delay(25);
```

```
    for(m=0;m<=nota39;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
    delay(25);
```

```
    for(m=0;m<=nota40;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(DoA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(DoA);
    }
    delay(25);
```

```
    for(m=0;m<=nota41;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(MiA);
```

```
    digitalWrite(zumb,LOW);
    delayMicroseconds(MiA);
}
delay(25);
```

```
    for(m=0;m<=nota42;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(MiA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(MiA);
    }
    delay(25);
```

```
    for(m=0;m<=nota43;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(MiA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(MiA);
    }
    delay(25);
```

```
    for(m=0;m<=nota44;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(ReA);
        digitalWrite(zumb,LOW);
        delayMicroseconds(ReA);
    }
    delay(25);
```

```
    for(m=0;m<=nota45;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
    delay(25);
```

```
    for(m=0;m<=nota46;m++)
    {
        digitalWrite(zumb,HIGH);
        delayMicroseconds(Si);
        digitalWrite(zumb,LOW);
        delayMicroseconds(Si);
    }
    delay(25);
```

```
for(m=0;m<=nota47;m++)
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(SolS);
    digitalWrite(zumb,LOW);
    delayMicroseconds(SolS);
}
delay(25);
```

```
for(m=0;m<=nota48;m++)
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(Si);
    digitalWrite(zumb,LOW);
    delayMicroseconds(Si);
}
delay(25);
```

```
for(m=0;m<=nota49;m++)
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(SolS);
    digitalWrite(zumb,LOW);
    delayMicroseconds(SolS);
}
delay(25);
```

```
for(m=0;m<=nota50;m++)
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(La);
    digitalWrite(zumb,LOW);
    delayMicroseconds(La);
}
delay(25);
```

```
for(m=0;m<=nota51;m++)
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(Si);
    digitalWrite(zumb,LOW);
    delayMicroseconds(Si);
}
delay(25);
```

```
for(m=0;m<=nota52;m++)
{
    digitalWrite(zumb,HIGH);
    delayMicroseconds(La);
    digitalWrite(zumb,LOW);
```

```
    delayMicroseconds(La);  
  }  
  delay(200);  
}
```