

8.1 listing

```
// SPI kutubxonani ulash
#include <SPI.h>
// pin SS
mt pin_spi_ss=8;
// 0-9 sonni chiqarish uchun qiymat
byte numbers[10] = { V11111100, V01100000, V11011010,
V11110010,      V01100110,      V10110110,V10111110,      V11100000,
V11111110,V11110110};
// hozirdagi sonni qiymatini saqlash uchun o'zgaruvchi
int number=0;
int numberl=0;
mt number2=0;
// yetti segmentli indikatorni
mt pindigits[4] = {4,5,6,7};
// hozirdagi razryad qiymatini saqlash o'zgaruvchisi
int digit=0;
//
unsigned long millisl=0;
void setup()
{
  SPI.begin();
  // ulanish nuqtalarini chiqish kabi o'zgartirish
  pinMode(pin_spi_ss,OUTPUT);
  for (int i=0;i<4;i++)
  {pinMode(pindigits[i],OUTPUT);
  digitalWrite(pindigits[i],HIGH);
  }
}
void loop()
{
  if(millis()-millisl>=100)
  {millisl=millis+100;
  nuraber=number+l;
  if(number==10000)
  number=0;
  }
  numberl=number;
  for(int i=0;i<4;i++)
  {
    number2=numberl%10;
    numberl=nuraberl/10;
    showNumber(number2,i);
```