

## **Experimentno6**

```
int number;
int squared;

void setup()
{

Serial.begin(9600); // Initialize serial communication

}

void loop()
{

//Serial.println("Enter a number: ");
while (Serial.available() == 0) {

// Wait for user input

}

number = Serial.parseInt(); // Read the entered number
if(number!=0){
squared = number *number; //Calculate the square of the number

Serial.print("The square of ");

Serial.print(number);

Serial.print(" is ");

Serial.println(squared);
} delay(2000); // Delay for 2
second
}
```

### **Output:**

The square of 5 is 25

The square of 9 is 81

The square of 6 is 36

