
Engineering Technology (ENGR 101)

Random Numbers

Random Number



```
void setup() {  
  Serial.begin(9600);  
  
  randomSeed(analogRead(A0));  
  
  for(int i = 0; i < 5; i++){  
    Serial.print(random(1, 101));  
    Serial.print(" ");  
  }  
  
  Serial.println("");  
}  
void loop() {  
}
```

- **random (min, max)** generates a pseudo-random number between min and max-1
 - Pseudo-random numbers are numbers produced by mathematical algorithms
- **randomSeed(seed)** initializes the pseudo-random number generator, causing it to start at an arbitrary point in its random sequence.
 - Seed number used to initialize a pseudo random number generator
- **analogRead()** returns an integer between 0 (for 0V) and 1023 (for 5V)