

```
#include <time.h>

#include <stdlib.h>

#include <stdio.h>

int main() {

    srand(time(0));

    // min = max-min+1

    /*
     * [10 - 99] --> [10 - 99]
     *
     *      10 - 99-10+1 (90)
     *
     */

    //      for (int i = 0; i < 80; i++) {

int tempRandNum;

int randNum = 0;

int count = 10;

int randCount = 0;

while (1) {

    tempRandNum = rand() % 90 + 10;

    randCount++;

    // 判断条件

    if (tempRandNum + (count - 1) < 99 && tempRandNum - (count - 1) > 10) {

        if (count == 10 || tempRandNum == (randNum + 1)) {

            printf("(第%d 个随机数形成)\t", randCount);

            randNum = tempRandNum;

            printf("%d 的因子：", randNum);

            for (int j = 1; j < randNum; j++) {

                if (randNum % j == 0) {

                    printf("%d ", j);

                }

            }

            printf("\n");

            if (--count == 0) {

                break;

            }

        }

    }

}

printf("共产生随机数： %d", randCount);

//      printf("\n");

//    }
```

```
return 0;
```

```
}
```