

```
#include
#include
#include
#if _WORDSIZE == 64
```

```
define ULONG_NORM 18446744073709551616.0
```

```
#else
```

```
define ULONG_NORM 4294967296.0
```

```
#endif
```

```
using namespace boost::random;
```

```
using namespace std;
```

```
int main(){
```

```
    unsigned long int ij,k;
```

```
    mt19937 generator(time(0));
```

```
    // independent_bits_engine gen;
```

```
    // boost::random::mt19937 gen(time(0));
    boost::uniform_01<boost::mt19937&> u01(gen);
    i = u01()*ULONG_NORM;
    j = u01()*ULONG_NORM;
    k = u01()*ULONG_NORM;
    cout<<i<<" "<<j<<" "<<k<<" "<<endl;
```

```
}
```