Graded ICA003 – Die Roller

CS 244

In Class Activity – Die Roller

- In 10 minutes or less

- Write up the program as shown to the right.

- Compile and run it
- Observe the output

- Submit the CPP file (compressed or not) to the appropriate drop box on D2L
  - In Class Assignments
  - Die Roller

```cpp
// Die Roller
// Demonstrates generating random numbers

#include <iostream>
#include <cstdlib>
#include <ctime>

using namespace std;
```

```cpp
int main()
{
    srand(static_cast<unsigned int>(time(0)));   //seed random number generator

    int randomNumber = rand();   //generate random number

    int die = (randomNumber % 6) + 1;   // get a number between 1 and 6
    cout << "You rolled a " << die << endl;

    return 0;
}
```