Brian Loughran
Intro to Computer Architecture
Johns Hopkins
Module 7 Homework

Test:

```
Please enter the number in the large pool: 15
Please enter the number count to be picked from the large pool: 8
Please enter the number in the small pool: 2
Please enter the number count to be picked from the small pool: 1
The odds of winning the jackpot are 1 in 12870
Stopped.
```

Euro Millions:

```
Please enter the number in the large pool: 50
Please enter the number count to be picked from the large pool: 5
Please enter the number in the small pool: 11
Please enter the number count to be picked from the small pool: 2
The odds of winning the jackpot are 1 in 116531800
Stopped.
```

Mega Millions:

```
Please enter the number in the large pool: 75
Please enter the number count to be picked from the large pool: 5
Please enter the number in the small pool: 15
Please enter the number count to be picked from the small pool: 1
The odds of winning the jackpot are 1 in 258890850
Stopped.
```

PowerBall:

```
Please enter the number in the large pool: 69
Please enter the number count to be picked from the large pool: 5
Please enter the number in the small pool: 26
Please enter the number count to be picked from the small pool: 1
The odds of winning the jackpot are 1 in 292201338
Stopped.
```

Thunderball:

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```
Please enter the number in the large pool: 39
Please enter the number count to be picked from the large pool: 5
Please enter the number in the small pool: 14
Please enter the number count to be picked from the small pool: 1
The odds of winning the jackpot are 1 in 8060598
Stopped.
```