

## Answer on Question#37416 - Programming – C++

Source.cpp

```
#include <iostream>
```

```
#include <ctime>
```

```
using namespace std;
```

```
int getRandom1();
```

```
int getRandom2();
```

```
int main()
```

```
{
```

```
    int assumption;
```

```
    int NumbersOfWins = 0;
```

```
    int ScoreArr[3];
```

```
    while (true)
```

```
    {
```

```
        cout << "Make your assumption (press -1 to exit) : ";
```

```
        cin >> assumption;
```

```
        if (assumption == -1)
```

```
            break;
```

```
        int a = getRandom1();
```

```
        int b = getRandom2();
```

```
        int result = a + b;
```

```

    if (assumption == result)
    {
        cout << "You've win!" << "\n";
        ScoreArr[NumbersOfWins] = assumption;
        NumbersOfWins++;
    }
    else
        cout << "You've losse!" << "\n";

    cout << "Result is : " << a << " and " << b << "\n";
    cout << "Number of victory is : " << NumbersOfWins << "\n";
    for (int i = 0; i < NumbersOfWins; i++)
        cout << "Score (" << NumbersOfWins << ") is "
            << ScoreArr[NumbersOfWins - 1] << "\n";
}

return 0;
}

int getRandom1()
{
    srand((unsigned int) time(0));
    return 1 + rand() % 6;
}

int getRandom2()
{
    return 1 + rand() % 6;
}

```