<https://www.loom.com/share/5fc417195a504e76a78c8051418a6f89>

#include <iostream>

#include <ctime>

#include <algorithm>

using namespace std;

//creates an array that will store 5 random winning numbers with no duplicates from 1-69

int\* numbers(int num[6]){

for (int i = 0; i < 6; i++){

num[i] = (rand() % 69 + 1);

}

sort(num, num+6);

for (int i = 0; i < 6; i++){

if (num[i] == num[i+1]){

num[i] = (rand() % 69 + 1);

}

}

//sorts through powerball numbers and organizes them smallest to largest

sort(num, num + 6);

//creates the winning powerball number which can be 1-26

num[5] = (rand() % 26 +1);

cout << endl;

return num;

}

int main() {

srand(time(0));

int lottery[6];

int\* p;

int n;

cout<< "How many winning numbers would you like to see? ";

cin >> n;

//runs the winning lottery number picker for as many times as the user inputted

for(int i = 0; i < n; i++){

p = numbers(lottery);

cout << "Your winning numbers are: ";

for(int i = 0; i < 5; i++){

cout << \*(p + i) << " ";

}

cout << "Your power ball is " << \*(p + 5);

}

}