1. Create an activity program
	1. utilizes the random number generator from -20 to 110
	2. outputs the random number with degrees label with suggested activity
	3. create 5 if/else if statements and an else activity
2. Given the int variables x, y, and z, where x contains 3, y contains y, and z contains 6, what is the output from each of the following code fragments?
	1. if (x <= 3)
	 cout << x + y << endl;
	cout << x + y << endl;
	2. if (x != -1)
	 cout << “The value of x is “ << x << endl;
	else
	 cout << “The value of y is “ << y << endl;
	3. if (x != 3)
	{
	 cout << x << endl;
	 cout << y << endl;
	 cout << z << endl;
	}
	else
	 cout << “y” << endl << “z” << endl;
3. Date for Easter Sunday
	1. all variables are of type int
	2. year (prompt / read)
	a = year % 19 b = year % 4 c = year % 7
	d = (19 \* a + 24) % 30
	e = (2 \* b + 4 \* c + 6 \* d + 5) % 7
	day = (22 + d + e)
	3. Cases and Output:
	if day > 31, then Easter Sunday will be in April (day – 31)
	otherwise Easter Sunday will be in March
	Output format: Easter Sunday: month day, year
	Example: Easter Sunday: April 14, 2047