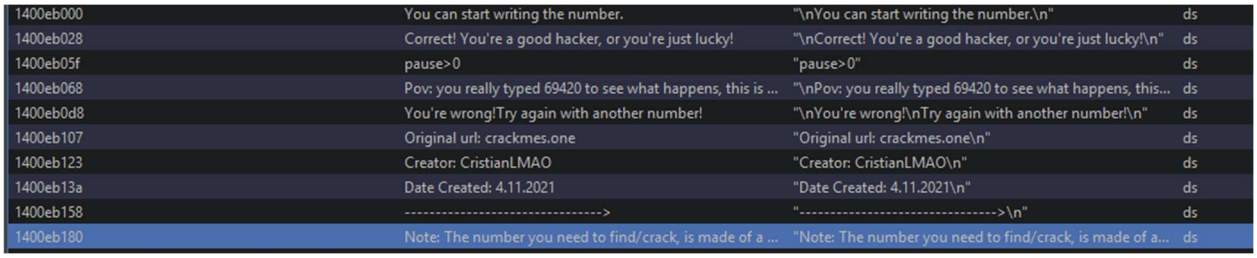
Открываем программу в гидре, смотрим определенные строки



1400eb000	You can start writing the number.	"\nYou can start writing the number.\n"	ds
1400eb028	Correct! You're a good hacker, or you're just lucky!	"\nCorrect! You're a good hacker, or you're just lucky!\n"	ds
1400eb05f	pause>0	"pause>0"	ds
1400eb068	Pov: you really typed 69420 to see what happens, this is ...	"\nPov: you really typed 69420 to see what happens, this...	ds
1400eb0d8	You're wrong!Try again with another number!	"\nYou're wrong!\nTry again with another number!\n"	ds
1400eb107	Original url: crackmes.one	"Original url: crackmes.one\n"	ds
1400eb123	Creator: CristianLMAO	"Creator: CristianLMAO\n"	ds
1400eb13a	Date Created: 4.11.2021	"Date Created: 4.11.2021\n"	ds
1400eb158	---------->	"---------->\n"	ds
1400eb180	Note: The number you need to find/crack, is made of a ...	"Note: The number you need to find/crack, is made of a...	ds

Идём в main

```
{
  __main();
  std::operator<<((longlong *)&std::cout,"Original url: crackmes.one\n");
  std::operator<<((longlong *)&std::cout,"Creator: CristianLMAO\n");
  std::operator<<((longlong *)&std::cout,"Date Created: 4.11.2021\n");
  std::operator<<((longlong *)&std::cout,"---------->\n");
  std::operator<<((longlong *)&std::cout,
                  "Note: The number you need to find/crack, is made of a random number + another ran
                  dom number.\n"
                 );
  checknumber();
  return 0;
}
```

Сразу подсказка – пароль есть сумма двух случайных чисел

Так как числа генерируются в процессе выполнения, то нужно будет смотреть регистры в дебаггере. Но для начала стоит найти адресы выполнения инструкций

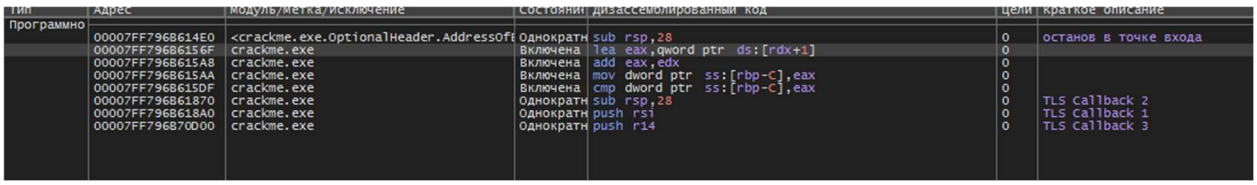
Сумма случайных чисел:

```
1400015a5 8b 45 f8        MOV         EAX,dword ptr [RBP + local_10]
1400015a8 01 d0           ADD         EAX,EDX
1400015aa 89 45 f4        MOV         dword ptr [RBP + local_14],EAX
```

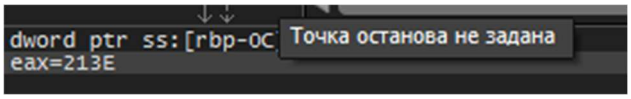
Сравнения суммы и ввода

```
1400015dc 8b 45 f0        MOV         EAX,dword ptr [RBP + local_18]
1400015df 39 45 f4        CMP         dword ptr [RBP + local_14],EAX
1400015e2 75 2a           JNZ         LAB_14000160e
```

Переходим в дебаггер. Поставил ещё несколько точек, на всякий случай



Тип	Адрес	Модуль/Метка/Исключение	Состояние	Дизассемблированный код	Цели	Краткое описание
Программно						
	00007FF796B614E0	<crackme.exe.OptionalHeader.AddressOf	Однократн	sub rsp,28	0	останов в точке входа
	00007FF796B6156F	crackme.exe	Включена	lea eax,qword ptr ds:[rdx+1]	0	
	00007FF796B615A8	crackme.exe	Включена	add eax,edx	0	
	00007FF796B615AA	crackme.exe	Включена	mov dword ptr ss:[rbp-C],eax	0	
	00007FF796B615DF	crackme.exe	Включена	cmp dword ptr ss:[rbp-C],eax	0	
	00007FF796B61870	crackme.exe	Однократн	sub rsp,28	0	TLS Callback 2
	00007FF796B618A0	crackme.exe	Однократн	push rsi	0	TLS Callback 1
	00007FF796B70D00	crackme.exe	Однократн	push r14	0	TLS Callback 3



```
Original url: crackmes.one
Creator: CristianLMAO
Date Created: 4.11.2021
------------------------------>
Note: The number you need to find/crack, is made of a random number + another random number.

You can start writing the number.
8510
```

```
dword ptr ss:[rbp-0C]=[0000000AFEFFFE14 ">!"]=213E
eax=213E

.text:00007FF796B615DF crackme.exe:$15DF #BDF <sub_7FF796B612A0+33F>
```

Получилось

```
Original url: crackmes.one
Creator: CristianLMAO
Date Created: 4.11.2021
------------------------------>
Note: The number you need to find/crack, is made of a random number + another random number.

You can start writing the number.
8510

Correct! You're a good hacker, or you're just lucky!
```