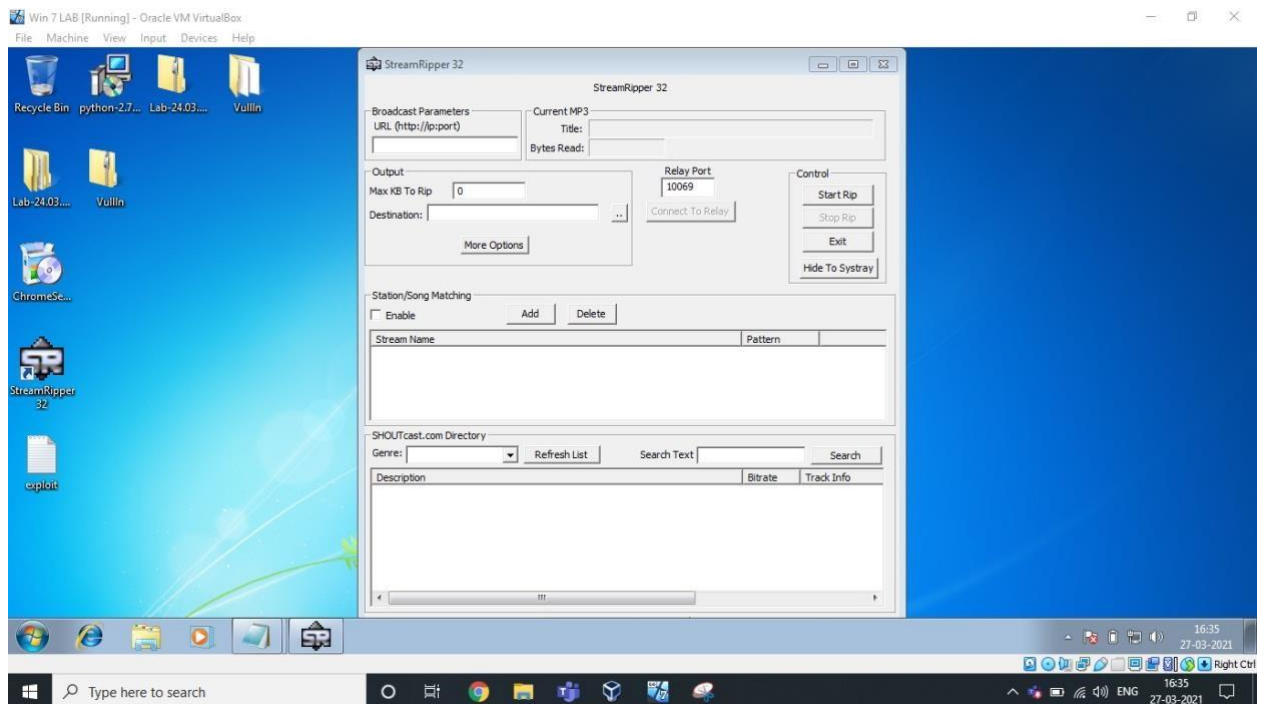


Secure Coding Lab-7

P V S Chaitanya
18BCE7289

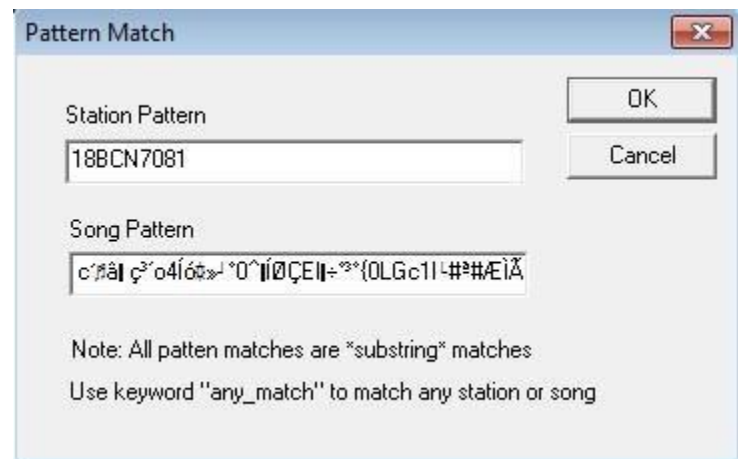
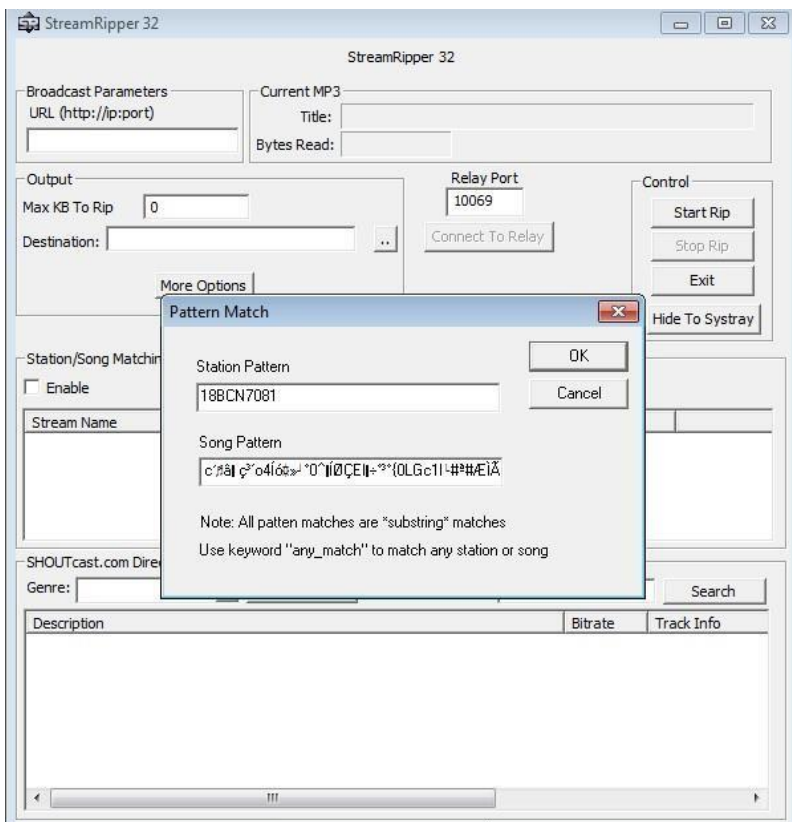
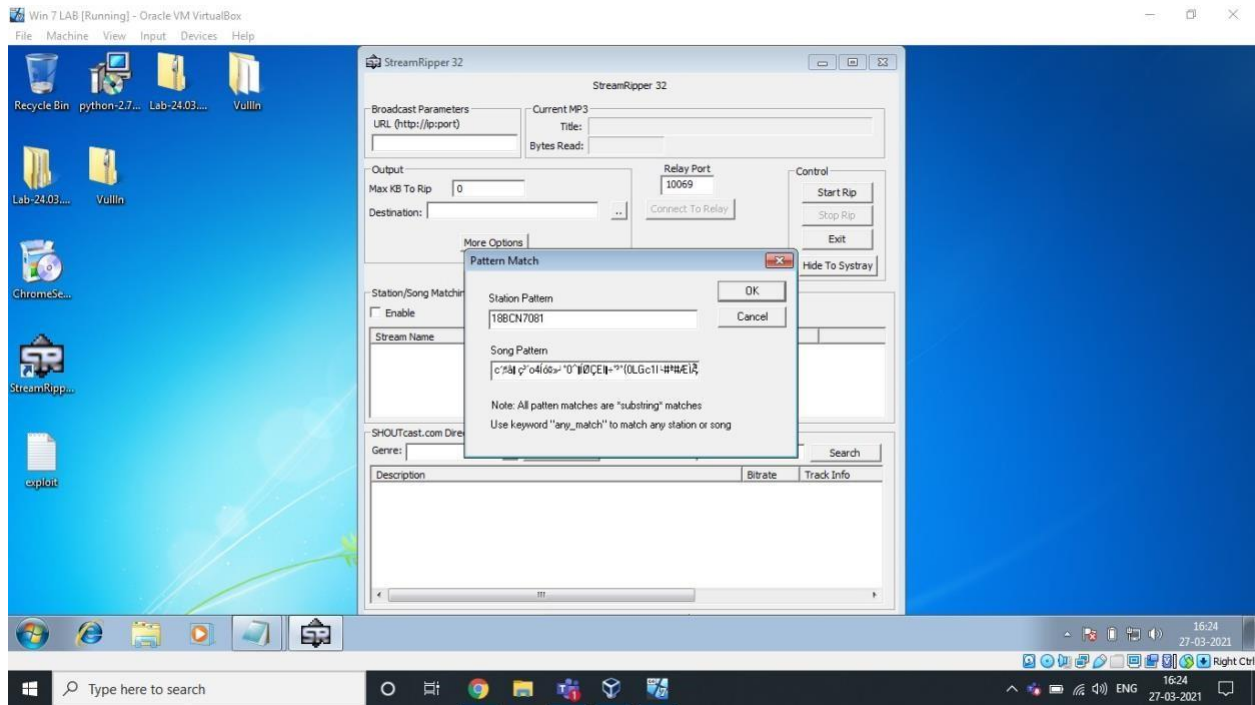
Lab experiment - Working with the memory vulnerabilities

1) Crashing the StreamRipper32

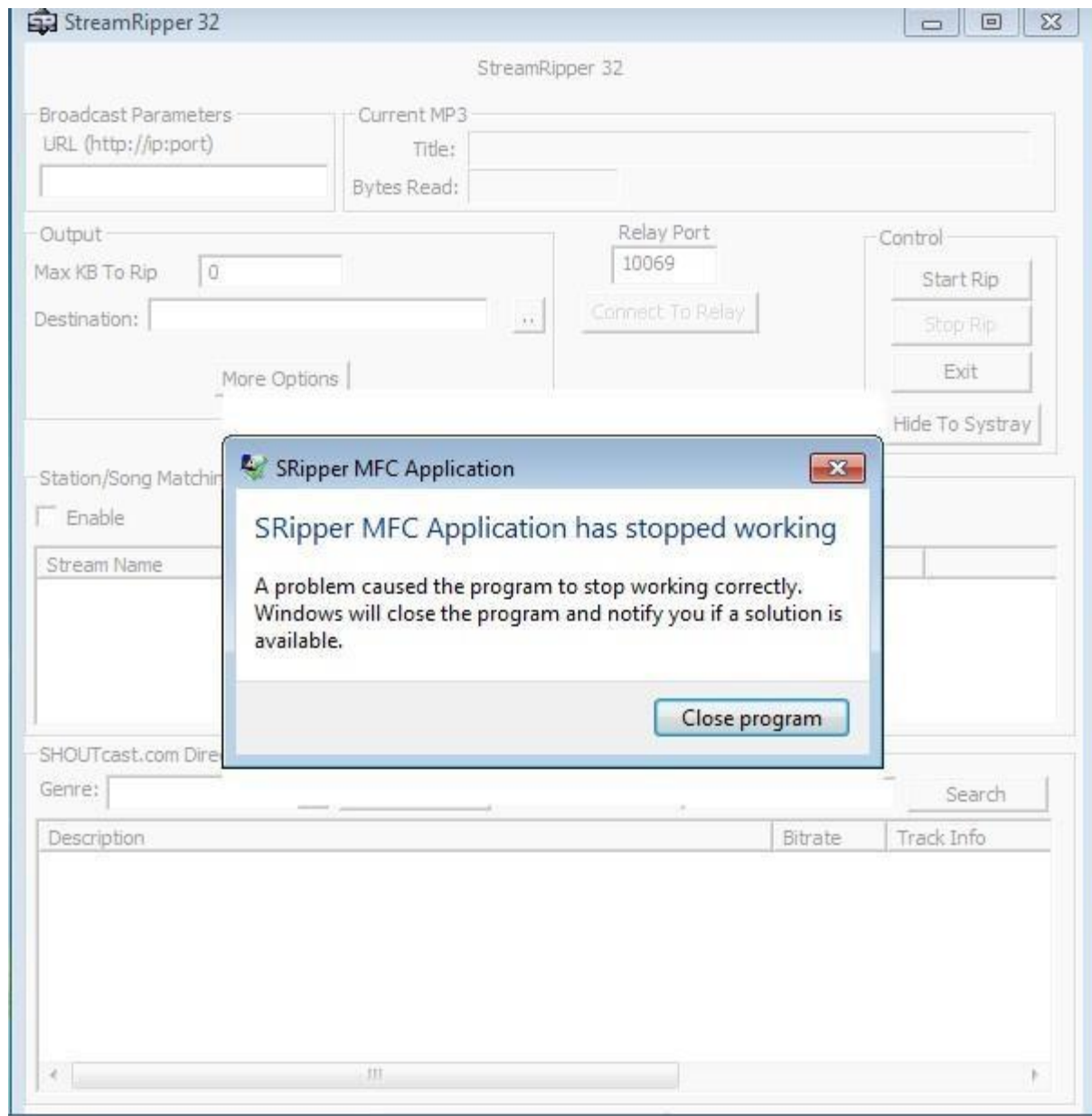


After opening the application, Click on ADD button under the Station/Song Matching Section.

Then, Give some Name in Station Pattern as per your wish and Copy the Exploit text and Paste it in Song Pattern. Now click on Ok, as you can see below.



ÆŽ®ª`âo` [fc«PÛ°´ôu^&"...) [Ò~ E¶l' "ÿ¸n@Çlµ±±Æm8 ì}„©) XYg‡3ÉqÉ
èfÆÂc`â< ç³´ o4Íó»°0^ÆÍØÇEl...÷°³°{0LGc1I#ª#ÆÌ Ã



As we can see, it's crashed.

Analysis & Vulnerability :

Buffer Overflow is the Vulnerability in this 32 bit application. We have inserted an exploit of many characters in the field which overflowed and caused the application to crash itself.