Extra Credit 2

Problem

let p be "I attended the lecture" q be "I watch the lecture recording", and r be "I do well on my quiz"

Write the following argument in argument form (i.e using propositions and logical operators) and prove that it is valid using the rules of inference. you must indicate the name of the rule used in each step of the proof

If I attend the lecture, then I will do well on my quiz
I attended the lecture or watch the lecture recording
I did not watch the lecture recording
Therefore, I will do well on my quiz

Solution:

$p \rightarrow r$ Hypothesis
$p \vee q$ Not sure
$\neg q$ Disjunctive syllogism
$\therefore r$ Disjunctive Syllogism