PHIL1012 - Introduction to Logic
Problem Set 2 - Second Semester, 2021

Submit your answers to Problem Set 2 via Canvas before 23:59, Wednesday of Week 5.

1. Determine *using a truth table* whether the following two propositions are logically equivalent.

$$\neg B \wedge A$$
$$\neg\neg\neg(\neg A \vee B)$$

2. Is the following argument valid? Justify your answer.

1. $A \rightarrow (\neg B \vee C)$
2. $\neg(\neg B \vee C)$
∴ $\neg A$