

# Worksheet 3 Solution

March 11, 2020

## Question 1

Part 1

- a)  $Correct(my\_prog) \wedge Python(my\_prog)$
- b)  $\exists x \in P, \neg Correct(x) \Rightarrow Python(x)$
- c)  $\forall x \in P, \neg Python(x) \Rightarrow Correct(x)$
- d)  $\forall x \in P, \neg Correct(x) \Rightarrow Correct(x)$
- e) A program is written in Python and is correct
- f) All programs are not written in Python and is correct

## Question 2

## Question 3

## Question 4

## Question 5