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Section number: 11207

Assignment number: 9

Date due: 4/17/2020

1)

DELIMITER |

CREATE TRIGGER new\_agent

BEFORE INSERT ON booking

FOR EACH ROW

BEGIN

IF NEW.agent NOT IN (SELECT agent FROM booking) THEN

INSERT INTO travelagent(name, years\_experience, phone)

VALUES(NEW.agent, 0, null);

END IF;

END |

DELIMITER ;

2)

DELIMITER |

CREATE FUNCTION compare\_dates(date\_1 DATE, date\_2 DATE)

RETURNS INT

BEGIN

IF (date\_1 < date\_2) THEN

RETURN -1;

ELSEIF (date\_1 = date\_2) THEN

RETURN 0;

ELSE (date\_1 > date\_2) THEN

RETURN 1;

END IF;

END |

DELIMITER ;

3)

DELIMITER |

CREATE TRIGGER fix\_dates

BEFORE INSERT ON trip

FOR EACH ROW

BEGIN

IF NEW.start\_date > NEW.end\_date THEN

SET NEW.end\_date = NEW.start\_date;

END IF;

END |

DELIMITER ;