

# Assignment 1

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- 1) If  $P(E) = 0.05$ , what is the probability of 'not E'?

**Solution:** Given that the probability of event  $E$  occurring is 0.05

$$\Pr(E) = 0.05 \quad (0.0.1)$$

The probability of 'not E' is given by

$$\Pr(E') = 1 - \Pr(E) \quad (0.0.2)$$

$$= 1 - 0.05 \quad (0.0.3)$$

$$= 0.95 \quad (0.0.4)$$