2. **Default and Keyword Arguments:**

- Write a function called `send_email(subject, message, recipient, cc=None, bcc=None)` that sends an email with the given subject, message, and recipient. The function should have optional keyword arguments `cc` and `bcc` that default to `None`. If provided, the `cc` argument should contain a list of additional recipients to be carbon-copied, and the `bcc` argument should contain a list of recipients to be blind carbon-copied.