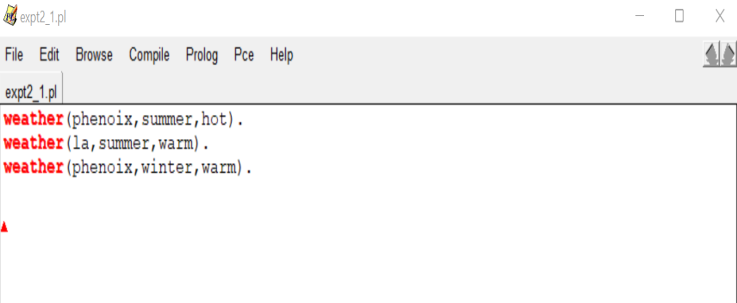
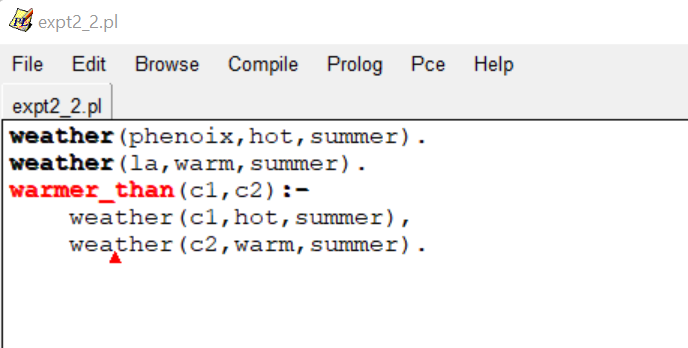
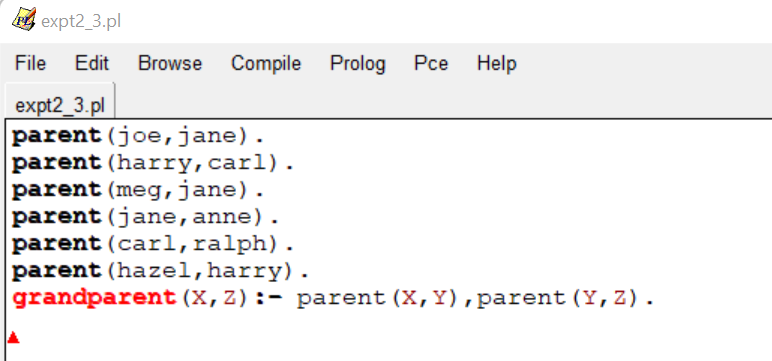
**Program:**







**Output:**

