Directions

Each list below has a few mistakes, just like in real coding.

1. Read the steps carefully.

2. Look for anything that is out of order, doesn't belong, or needs to be fixed.

3. **Cross out** the incorrect steps.

4. **Rewrite the correct version** in the blank lines below.

Use your problem-solving skills to debug the list.

1. Making a Peanut Butter Sandwich

1. Eat the sandwich

2. Put the bread together

3. Spread peanut butter on one slice

4. Get out the bread

5. Open the jar of jelly

6. Close the sandwich bag

🔧 **Fix 1 here:**

_____

_____

_____

_____

_____

Debug the Code

Name: _____

2. Getting Ready for Bed

1. Brush teeth

2. Put on shoes

3. Get into bed

4. Turn off the light

5. Put on pajamas

6. Set alarm clock

🔧 **Fix 2 here:**

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Debug Fact:
The word bug in computer science goes back to 1947 when a real moth was found inside a computer. The engineers "debugged" the machine by removing it!

3. Feeding the Dog

1. Let the dog outside
2. Put bowl in sink
3. Add dog food to the bowl
4. Give bowl to the dog
5. Wash your hands
6. Fill bowl with water after the dog eats

🔧 **Fix 3 here:**

_____

_____

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_____

_____

Quick Lesson:
When something goes wrong, don't give up. Try checking your steps one at a time.
That's what real programmers do. Debugging is just fixing mistakes so your idea works better!

Debug the Code

Name: _____

⚙ ANSWERS

Answer 1: Making a Peanut Butter Sandwich

Fixed Order:
1. Get out the bread
2. Open the jar of jelly
3. Spread peanut butter on one slice
4. Put the bread together
5. Eat the sandwich
6. Close the sandwich bag *(if saving or packing it)*

Answer 2: Getting Ready for Bed

Fixed Order:
1. Put on pajamas
2. Brush teeth
3. Set alarm clock
4. Turn off the light
5. Get into bed

(Remove "Put on shoes", it doesn't belong)

Answer 3: Feeding the Dog

Fixed Order:
1. Put bowl in sink
2. Fill bowl with dog food
3. Give bowl to the dog
4. Let the dog outside *(optional, based on routine)*
5. Fill bowl with water after the dog eats
6. Wash your hands