One rainy evening, five military men were murdered in the old mansion on Willow Lane (a general, a captain, a lieutenant, a sergeant, and a corporal). The murders took place in the bedroom, basement, pantry, den, and attic of the house. No two men were murdered in the same room or with the same weapon. The weapons used were poison, a poker, a gun, a knife, and a shovel. From the clues given, try to determine the room in which each man was killed and the weapon used to do him in.

1. The murder with the shovel was not done in the den or the attic; neither the captain nor the lieutenant was killed with the shovel, nor was either killed in the den or the attic.
2. The captain was not murdered in the bedroom.
3. The poker was not the murder weapon used in the attic.
4. Neither the general nor the corporal was murdered with poison, a gun, or a shovel.
5. The man murdered in the basement had just had dinner with the corporal, the captain, the man done in with poison, and the victim of the poker.