

gross-salary: This variable name contains a hyphen (-) which is not allowed in C variable names. So, it's an invalid variable name.
INTEREST: This variable name consists of uppercase letters only and is valid.

salary of emp: This variable name contains spaces and is not allowed in C. Variable names should not have spaces. So, it's an invalid variable name.

avg.: This variable name contains a period (.), which is not allowed in C variable names. So, it's an invalid variable name.

thereisbookinmysoup: This variable name consists of letters, digits, and underscores and does not violate any naming rules. It is a valid variable name.