CLASS 11
(COMPUTER SCIENCE)
WINTER VACATION HOMEWORK

Instructions:

- Complete all assignments neatly on A4 size paper.
- Ensure that your work is well-organized and clearly presented.
- Submit your homework on 12th Nov after school reopens.

Assignment 1: Solve Centralized SQPs

1. **Task**: Solve the two Centralized School Question Papers (SQPs).
2. **Materials**: SQPs are available on the school website under Cadets News → Holiday Homework.
3. **Presentation**: Write your solutions clearly on A4 size paper. Make sure to label each question and show all necessary workings.

Assignment 2: Python Programming

1. **Task**: Write 5 Python programs based on strings and 5 programs based on patterns.
2. **Requirements**:
    - Each program should include comments explaining the code.
    - Provide the output for each program.
3. **Topics**:
    - **String Programs**: Examples include string reversal, counting vowels, palindrome checker, etc.
    - **Pattern Programs**: Examples include printing stars in different patterns, number pyramids, etc.

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