- **Topic : Bitwise Operators**
  1. **Write a function to count the number of '1' bits in a given number.**
  2. **Write a function to display a given number in binary format.**
  3. **Modify the above program to accept the number using command-line arguments.**
  4. **Write a function to check whether a given byte has even parity.**
     – If it does not have even parity, set the MSB bit to make it even.
  5. **Write a function to check whether a given character is an alphabet or not.**
     – If it is an alphabet, perform XOR with the value 32 and observe the result.
  6. **Write a function to swap two numbers using XOR operation.**