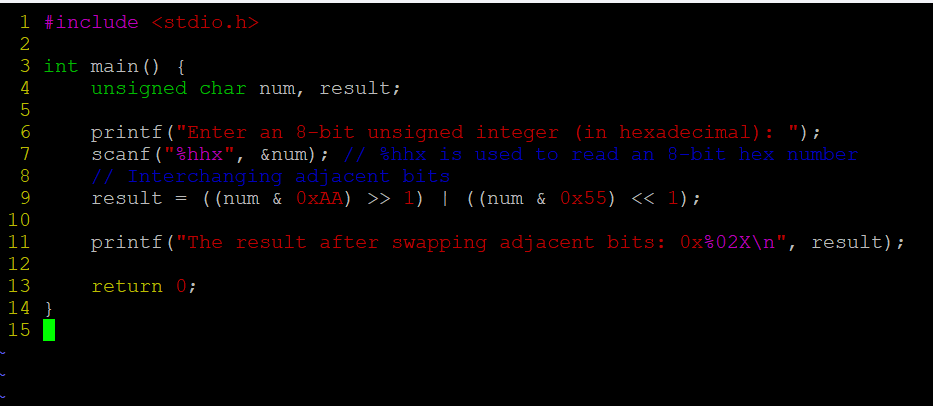
**BITWISE OPERATERS**

**Q1. WAP to read a 8 bit unsigned integer, interchange the adjacent bits i.e D0 with D1, D2 with D3….. D6 with D7. Display the final number.**

**Input: 0xAA**

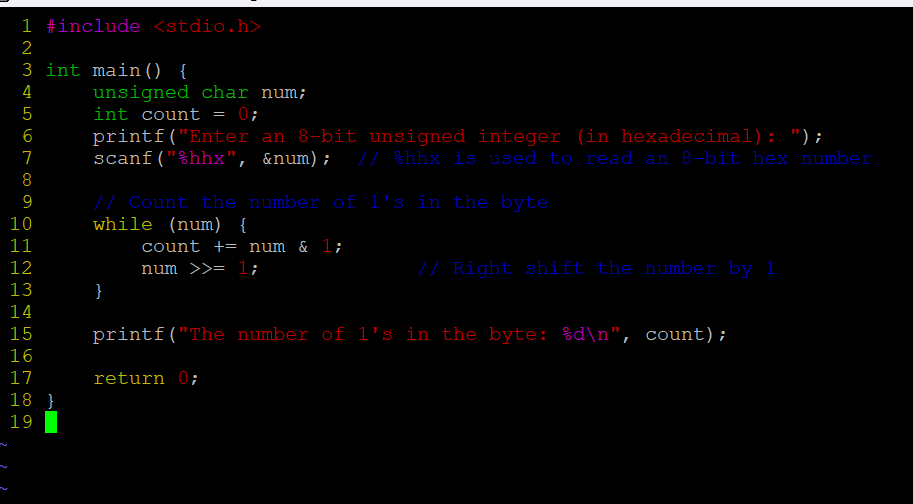
**Output: 0x55**

****

**OUTPUT:**

****

**Q2. WAP to count the number of 1’s in a given byte and display**

****

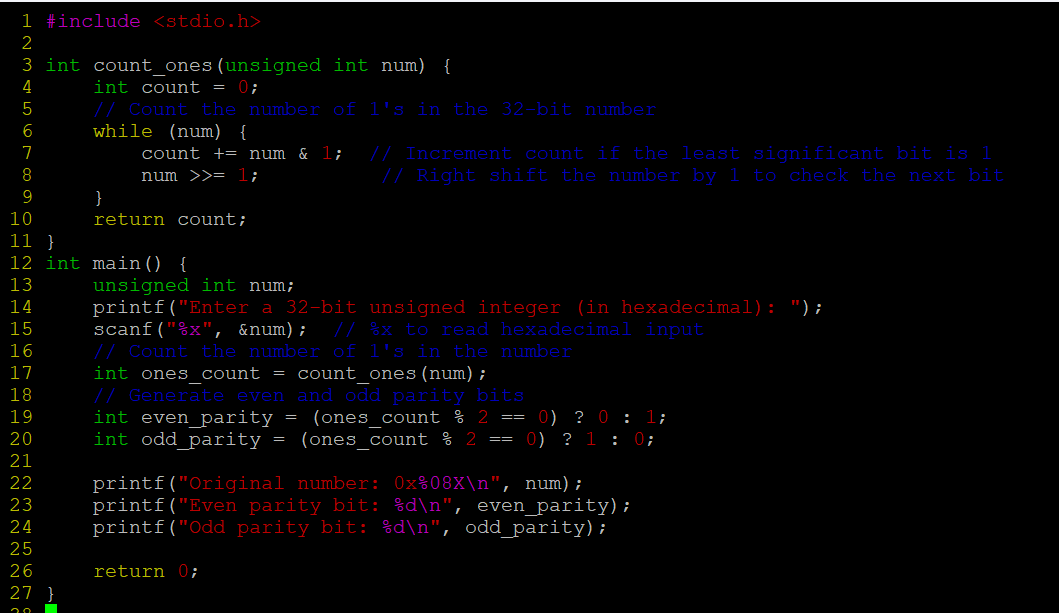
**OUTPUT:**

**A black background with white text

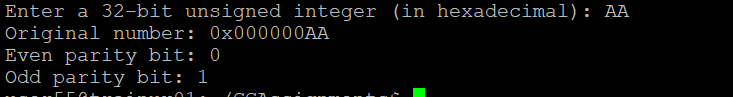
Description automatically generated**

**Q3. Generate odd and even parity bits for a given number. (consider a 32 bit number)**

**[Hint: You may reuse the solution created in Q2 and extend it further]**

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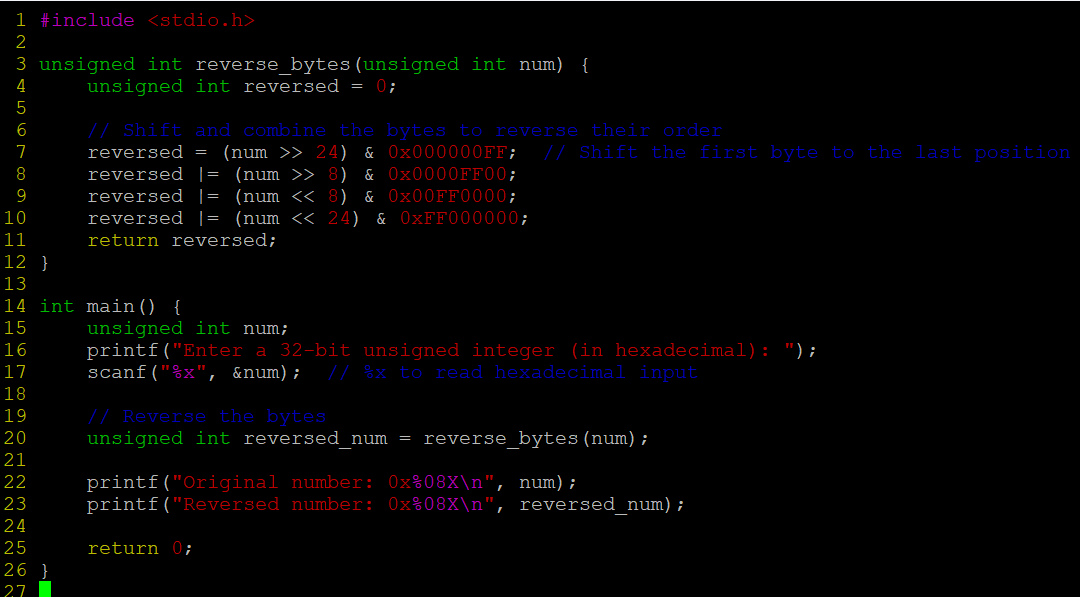
**OUTPUT:**

****

**Q4. WAP to reverse the bytes in a 32 but unsigned integer using shift operator.**

**Input: 0x12345678**

**Output: 0x78563412**



**OUTPUT:**

