**DATA SERIALIZATION AND EXCHANGE OVER NETWORK**

**1. Refer “little\_big\_endian\_converter.c”. Implement the below functions and test.**

**int swap\_int32(int val); // swap the bytes in input and convert from little to big endian**

**void showbytes(char \*value, int n); // display n bytes starting from given address)**

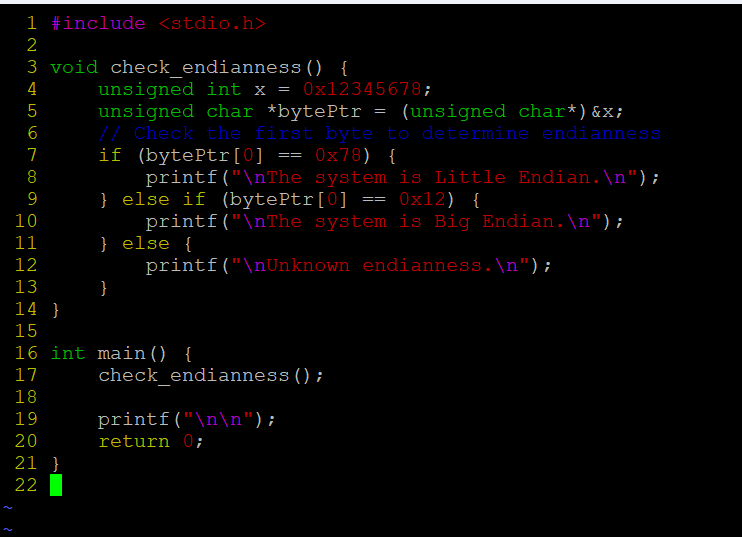
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**OUTPUT:**

**A black background with white text

Description automatically generated**

**2. Write a program to detect and display the endianness of the processor.**

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**OUTPUT:**

**A black background with white text

Description automatically generated**