**Indian Institute of Information Technology Vadodara**

**CS202: Systems Software**

**Assignment 2**

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**Q.Write a generic C (or any other language) program to verify the Endianness of a machine. Verify its output on your machine. Send a pdf file containing the program and the output.**

**Ans:-**

#include <stdio.h>

int main()

{

 unsigned int i = 1;

 char \*c = (char\*)&i;

 if (\*c)

 printf("Little endian");

 else

 printf("Big endian");

 getchar();

 return 0;

}

**Output:-**

