**#include** <stdint.h>

**int** **main**(**void**)

{

uint32\_t \*pClkCntrlreg = (uint32\_t\*)0x40023830;

uint32\_t \*pPortDMode = (uint32\_t\*)0x40020C00;

uint32\_t \*pPortDOut = (uint32\_t\*)0x40020C14;

/\* \*pClkCntrlreg |= 0x08; // Enable the GPIOD;

\*pPortDMode &= 0xFCFFFFFF; // clear the 24th and 25th pos

\*pPortDMode |= 0x01000000; // make the 24th bit as 1

\*pPortDOut |= 0x1000; \*/

\*pClkCntrlreg |=(1<<3); // Enable the GPIOD;

\*pPortDMode &= ~(1<<24); // clear the 24th and 25th pos

\*pPortDMode &= ~(1<<25);

\*pPortDMode |= (1<<24); // make the 24th bit as 1

\*pPortDOut |= (1<<12);

**while**(1);

**return** 0; // Ensure to return a value from main

}