Objective:

- The purpose of this quiz is to focus on the very basic fundamental concepts practiced so far in previous labs.

Question No 1: **(**2, 2, 4**)**

1. Which bitwise operator is suitable for turning off a particular bit in a number?
   a. &&
   b. &
   c. ||
   d. |
   e. ^
   f. ~

2. Which bitwise operator is suitable for checking whether a particular bit is on or off?
   a. &&
   b. &
   c. ||
   d. |
   e. ^
   f. ~

3. Write a function, which receives an integer and checks whether a given bit number is on or off. It returns true if bit is on otherwise return false.

```
bool isOn(int number, int bitNumber)
{
    int bit = number & (1U << bitNumber);
    return bit;
}
```