HIT RATIO:

```java
public class Main
{
    public static int findnextmultiplier(int i, int b)
    {
        for (int j = i; j <= i * b; j++)
        {
            if (j % b == 0)
                return j;
        }

        return 0;
    }
    public static int ans(int n, int b, int m, int user[])
    {
        int start, ch = 1, nextmultiplier;
        nextmultiplier= findnextmultiplier(user[0] + 1, b);
        start = nextmultiplier - b + 1;

        for (int i = 1; i < m; i++)
        {
            if (user[i] + 1 > nextmultiplier || user[i] + 1 < start)
            {
                ch++;
```

```java
                nextmultiplier= findnextmultiplier(user[i] + 1, b);

                start = nextmultiplier - b + 1;

            }

        }

        System.out.println(ch);

     return 0;

    }


    public static void main(String[] args)

    {

        int n=5, b=3, m=3;

        int user[] = {0, 3, 4};

        ans(n, b, m, user);

    }

}
```