

13. Write a program to check whether a number is Palindrome or not.

```
#include <stdio.h>
int isPalindrome(int num) {
    int originalNum = num;
    int reversedNum = 0;
    while (num > 0) {
        int digit = num % 10;
        reversedNum = reversedNum * 10 + digit;
        num /= 10;
    }
    return originalNum == reversedNum;
}

int main() {
    int number;
    printf("Enter a number: ");
    scanf("%d", &number);

    if (isPalindrome(number)) {
        printf("%d is a palindrome.\n", number);
    } else {
        printf("%d is not a palindrome.\n", number);
    }
    return 0;
}
```

-----Question 13-----

13. Write a program to check whether a number is Palindrome or not.

-----Answer-----

executables/13_palindrome

/home/s4ms3pi0l/Documents/AssignEase/C_Programs/13_palindrome.c

Compilation successful.

Enter a number: 12321

12321 is a palindrome.

Press the Print Screen button (or press 's' to exit)...