

```

#include<stdio.h>
#include<stdlib.h>

/
*****
*****
*Function      :      main
*Input parameters:      no parameters
*RETURNS       :      0 on success
*****
*****/

int main(void)
{
    int iNum,iRev = 0,iTemp,iDig;

    printf("\n*****
    *****");
    printf("\n\tPROGRAM TO CHECK WHETHER AN INTEGER IS A
    PALINDROME OR NOT\t *\n");

    printf("*****
    *****");

    printf("\nEnter a number\n");
    scanf("%d",&iNum);

    iTemp = iNum;

    while(iNum!=0)
    {
        iDig = iNum % 10;
        iRev = iRev * 10 + iDig;
        iNum = iNum/10;
    }
    printf("\nReversed number is %d",iRev);

    if(iRev == iTemp)
        printf("\nNumber %d is a palindrome\n",iTemp);
    else
        printf("\nNumber %d is not a palindrome\n",iTemp);

    return 0;
}

```