#include <stdio.h>

int main()

{

int num, reverse\_num=0, remainder,temp;

printf("Enter an integer: ");

scanf("%d", &num);

/\* Here we are generating a new number (reverse\_num)

\* by reversing the digits of original input number

\*/

temp=num;

while(temp!=0)

{

remainder=temp%10;

reverse\_num=reverse\_num\*10+remainder;

temp/=10;

}

/\* If the original input number (num) is equal to

\* to its reverse (reverse\_num) then its palindrome

\* else it is not.

\*/

if(reverse\_num==num)

printf("%d is a palindrome number",num);

else

printf("%d is not a palindrome number",num);

return 0;

}