```
/* To check weather given Number is palindrome or not */

main()
{
        1.Read the number
        2.Do the validation
            number should be within the range >100 and <100000
            * Need to call the function is_valid(num)
        3.If it is valid
            * u need to call is_palindrome(num)
                if (true)
                        number is palindrome
                else
                        number is not palindrome
        4.Else
            print (Enter Valid number)
}
is_valid(num)     // Will return true or false
{
        //Comparision
        True or false
}
is_palindrome(num)     // Will return true or false
{
        * call function reverse(num)
        compare the original number with the return value of reverse function
        if (Both are same)
            return True
        else
            return False

}
reverse(num)
{
        //Logic to reverse the number
        return reversed number
}
```