# ????????? ?????? (Palindrome Number)

**by Gonit Sora - Friday, February 01, 2013**

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????? ????, ????? ?? ???? ?????? ????? ?????? ?????? ???? ???, ?????? ??????? ??? ????????? ?????? ???? ?? ??????? ????????? ????? ????- Refer, level, ??????? ???? ??????, ???????? ?????, ???????? ????????? ???????? ????? ??? ???? ??? ???? ??? ?????, ????? ??? ????? ????? ???? ????? ?????? ?????? ????? ???? ?? ??????? ?????? ?????? ????? ????????? ???? ???? ?????? ???????? ????????? ??? ???

## ??????? ????? ??????? ?????????:-

**??????:-**

???, ???, ???, ???, ??? (???????), ???????? ????, ?????? ????????

**?????:-**

“???? ????? ???? ????”, ???? ??? ???, ???????? ????? (???) ?

**??????:-**

?????, ???? ?? ?????? ???? ?? ????

**??????:-**

Refer, level, madam, eye, Eve, deed, Malayalam (?????? ?????? ??? ????), Idappadi (??? ???, ?????????)

Top part at a trap pot,

Able was I ere I saw Elba,

Madam, I’m Adam (???? ??? ??? ?????? ?????? ????? ?????)

**?????:-**

Si nummi immunis (??? ????? ????? ?????? ???? ?????? ?????? ???? ???? give me my fee, and I warrant you free.  ???:- ????????? ????????? ??? ????????)

??????? ????????, ??????? ????????? **????????? ??????** ???? ??? ????- 21312, 99 ?

???? ????? ???? ????????? ?????????? ?’? 11, 22, .... ??? 99? ??????, ???? ????? ???? ?????????

?????? ??? 9 ???

?????? ????? ???? ?????? ??? ????????? ?????? ?’??? ?’?? ????????? ??? “???” ???? ?’? ?????, ?’? ‘?’ ??? ‘?’ ????? ???? ????- 161, 343 ? ???, ?? ????????? ??? ??? ???? ?????? 0 ????? ??????, ???? ?????? ???????? ?????? ????? ???? ?????? ?? ???????? ??????, ??? ??????? ??? ??? ???? ?????? 1 ? ??? 9 ?? ?????? ??? ??? ????? ????? ??? ???? ?????? 0 ? ??? 9 ?? ?????? ??? ??? ????? ?????? ??? ??? ??? ???? ?????? 1 ???? ?????? ?????? ????? ???? ????????? ????????? ?’?- 101, 111, 121, 131, 141, 151, 161, 171, 181 ??? 191 ? ??? ????? ?????, ?????? ????? ???? ????????? ?????? ??? 9×*10=10 ???*

??????, ?????? ????? ???? ?????? ??? ????????? ?????? ?’??? ?’??, ????????? ???? ??? ????? ?????? ??? ?????? ???? ??? ???? ??? ????? ???? ??? ?????? ???? ?’? ?????? ?????? ???????? ????? ??????? ?’?- ????? ????? ??? ?????? ??? ????? 0 ??, ?????? ???????? ?????? ????? ???? ?????? ?? ???????? ????? ?????? ??? (??? ???? ???) ????? 0 ?’? ??????, ?????? ?? ???? ?????? 1 ? ??? 9 ?? ?????? ??? ??? ????? ?????? ??? ???? ???? ?????? 0 ? ??? 9 ?? ?????? ??? ??? ?????? ????? ?????? ????? ???? ????????? ??????? ???????? ????? ???, ?????? ????? ???? ????????? ?????? ??? 9×10=90 ???

??? ??????????? ???? ??? ???? ??? ??— ?????? ????? ???? ????????? ?????? ??? ??? 900 ?? ??? ?????? ??? ????? ???? ????????? ??????? ??? ?????? 900 ??? ????? ????? ???? ????????? ??????? ??? ?????? 9000 ??, ???? ????? ???? ????????? ??????? ??? ?????? 9000 ??, .... ????????

9, 90, 90, 900, 900, 9000, 9000..... ?? ?????????? ??? ????? ????? ????? ?? ???? ??????? ?’?—

$$9=9\times 10^0$$

$$90=9\times 10^1$$

$$90=9\times 10^1$$

$$900=9\times 10^2$$

$$900=9\times 10^2$$

$$9000=9\times 10^3$$

$$9000=9\times 10^3$$

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$$9=9\times 10^0=9\times 10^{\frac{2}{2}-1}$$

$$90=9\times 10^1=9\times 10^{\frac{(3-1)}{2}}$$

$$90=9\times 10^1=9\times 10^{\frac{4}{2}-1}$$

$$900=9\times 10^2=9\times 10^{\frac{(5-1)}{2}}$$

$$900=9\times 10^2=9\times 10^{\frac{6}{2}-1}$$

$$9000=9\times 10^3=9\times 10^{\frac{(7-1)}{2}}$$

$$9000=9\times 10^3=9\times 10^{\frac{8}{2}-1}$$

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??????, ??? n ??? ?????? ?????? ?? ?????? n ?? ????? ???? ????????? ?????? ????? = $$9\times 10^{\frac{(n-1)}{2}}$$ ???

??? ??? n ??? ????? ?????? ?? ?????? n ?? ????? ???? ????????? ?????? ????? = $$9\times 10^{\frac{n}{2}-1}$$ ???

????? ????????????, ??? ?’? ?????— ?? ??????? ??? ????????? ?????? ??????? ????

?????— 10+9+90+90+900+900+9000 ??

??

$$10+9\times 10^0+9\times 10^1+9\times 10^1+9\times 10^2+9\times 10^2+9\times 10^3=10,999$$ ???

**<u>???????? ?????? :-</u>**

(?????? ?????? ?????? ?????????? ?????-?????? ?? ???? ?????????? ????? ?????? ?????? ??????? ?????-???????? ???? ??? ?????)

**<u>??????-1</u>:-** 1 ? ??? 9 ?? ?????? ?????? ??? ?? ????, ?????? ???? ?????????? ??????? ???? ????????? ??? ??????? ??? ???????? ????? ?????, ??????? 99 ?? ??????? ??? ??????? ??? ?????? ????? ???? ????????? ???????

??????:- 2, 3, 4, 7, 8 ?? ?????? ??? ???? ?’??

????, 87432-23478=63954=99×646

??? 646 ??? ?????? ????? ???? ????????? ???????

**??????-2:-** 1 ? ??? 9 ?? ?????? ????? ??? ?? ????, ????? ???? ?????????? ??????? ???? ????????? ??? ??????? ??? ???????? ????? ?????, ??????? 99 ?? ??????? ??? ??????? ??? ?????? ????? ???? ????????? ?????? ?’? ????? ???????? ???????? ????? ????? ??? ????? ??? ????? ?????? ??? ????? ??? ????? ??? ????? ??????? ????? 10 ? ?? ?? ???

??????:- 2, 3, 5, 6, 7, 8, 9 ?? ????? ??? ???? ?’??

???? ???????? ????? ??? 9, 8, 7, 6, 5, 3, 2 ??? 9+7-5+2 = 9 < 10?

??? 9876532-2356789=7519743=99×75957

????, 75957 ??? ?????? ????? ???? ????????? ???????

????? ????? ?????? ????????? ??????? ??????? **??????????? ????? ??????** ???? ??? ????— 2, 3, 5, 7, 11, 101, 131 ???????? ????????? ???????? ?????????? ????? ?????????? ??????? ???? ???????? ?’?:

$$P=\Phi _3(10^{137747})+\frac{(137.10^{137748}+731.10^{129293})(10^{8454}-1)}{999},$$

?’? $$\Phi _n(x)$$ ?’? ??? cyclotomic polynomial.

?? ???????? 275495 ?? ????? ?????

**??????-3:-** ????? ?????? ????? ???? ????????? ?????????? 11 ?? ????????

?? ?????? ??????, 11 ? ??? ??, ????? ?????? ????? ???? ?? ???? ????????? ??????? ?????????? ????? ?????? ????

?? ?????? ????????? ????????? ?????? ???????? ?????? ??? ??? ???? ????? ???????? ????????? ??????? ??????? ????? ????? ???? ??? ?’??

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