Yellow colour or comments – actionable by Raja

Raja’s response in red; comments given below in yellow ; Okay in green

Green – indication that it is okay or pointing out to a correct example for logic

1.1.3.1(1): ixndrA#yaf | daxdhi# |

Before sandhi: ixndrA#yaf daxdhi# daxdhi# ixndrA#yaf ixndrA#yaf daxdhi#

indrA#yaq dadhiq dadhIndrAqye ndrA#yaq dadhi# | OK

1.1.3.1(2): daxdhi# | vixShNo# |

Before sandhi: daxdhi# vixShNo#^ vixShNo#^ daxdhi# daxdhi# vixShNo#

dadhiq viShNoq viShNoq dadhiq dadhiq viShNo$ | OK

1.1.3.1(3): vixShNo# | haqvyaxmx |

Before sandhi: vixShNo#^ ha@vyaxmx ha@vyaxmx vixShNo#^ vixShNo#^ ha@vyaxmx

viShNo# haqvya(gm) haqvyaM ~MviShNoq viShNo# haqvyam | Ok

5. viShNo$ |

viShNoq itiq viShNo$ | OK

1.1.3.1(4): haqvyaxmx | rawkShawsvaw |

Before sandhi: ha@vyaxmx rawkShawsvaw rawkShawsvaw ha@vyaxmx ha@vyaxmx rawkShawsvaw

haqvya(gm) ra#kShasva rakShasva haqvya(gm) haqvya(gm) ra#kShasva | Ok

7. raqkShaqsvaq |

raqkShaqsveti# rakShasva | OK

1.1.7.2(1): vraqtex | iwndrawvAqyUx |

Before sandhi: vra@tex iwndrawvA@yUx^ iwndrawvA@yUx^ vra@tex vra@tex iwndrawvA@yUx

vraqta i#ndravAqyU i#ndravAqyU vraqte vraqta i#ndravAqyU | OK

1.1.7.2(2): iwndrawvAqyUx | vix |

Before sandhi: iwndrawvA@yUx^ vix vix iwndrawvA@yUx^ iwndrawvA@yUx^ vix

iqndraqvAqyU vi vIndra#vAqyU i#ndravAqyU vi | Ok

10. iqndraqvAqyU |

iqndraqvAqyU itI$ndra - vAqyU | Ok

1.1.7.2(3): vix | muw~jcawtAwmw |

Before sandhi: vix muw~jcawtAwmw muw~jcawtAwmw vix vix muw~jcawtAwmw

vi mu#~jcatAm mu~jcatAqM ~Mvi vi mu#~jcatAm | Ok

12. muq~jcaqtAqm |

muq~jcaqtAqmiti# mu~jcatAm | OK

1.1.13.3(1): pAwtawmw | axgne# |

Before sandhi: pAwtawmw axgne# axgne# pAwtawmw pAwtawmw axgne#

pAqtaqm agne &gne# pAtam pAtaqm agne# | Dheerga Swaritam at end

There was no issue here in my logic. The correct long vowel is ‘E’. I have updated the logic to handle ‘e’ . new output ok

1.1.13.3(2): axgne# | awdawbdhAwyow |

Before sandhi: axgne# awdawbdhAwyow awdawbdhAwyow axgne# axgne# awdawbdhAwyow

agne# &dabdhAyo &dabdhAqyo&gne &gne# &dabdhAyo | OK

1.1.13.3(3): awdawbdhAwyow | awSIwtawtawnow |

Before sandhi: awdawbdhAwyow awSIwtawtawnow^ a\*wSIwtawtawnow^ awdawbdhAwyow awdawbdhAwyow awSIwtawtawnow

aqdaqbdhAqyoq &SIqtaqtaqnoq aqSIqtaqtaqnoq aqdaqbdhAqyoq &daqbdhAqyoq &SIqtaqtaqnoq | OK

16. aqdaqbdhAqyoq |

aqdaqbdhAqyoq itya#dabdha - Aqyoq | Ok

1.1.13.3(4): awSIwtawtawnow | pAqhix |

Before sandhi: awSIwtawtawnow^ pA@hix pA@hix awSIwtawtawnow^ a\*wSIwtawtawnow^ pA@hix

aqSIqtaqtaqnoq pAqhi pAqh ya#SItatano aSItatano pAqhi | OK

18. aqSIqtaqtaqnoq |

aqSIqtaqtaqnoq itya#Sita - taqnoq | Ok

19. pAqhi |

pAqhIti# pAqhi | Ok

1.1.14.1(1): uqBAx | vAwmw |

Before sandhi: u@BAx vAwmw vAwmw u@BAx u@BAx vAwmw

uqBA vA$M ~MvAm uqBoBA vA$m | Ok

1.1.14.1(2): vAwmw | iwndrAqgnIx |

Before sandhi: vAwmw iwndrA@gnIx^ iwndrA@gnIx^ vAwmw vAwmw iwndrA@gnIx

vAqm iqndrAqgnI i#ndrAqgnI vA$M ~MvAm indrAqgnI | Ok

1.1.14.1(3): iwndrAqgnIx | Awhuqvaxddhyai# |

Before sandhi: iwndrA@gnIx^ Awhu@vaxddhyai# Awhu@vaxddhyai# iwndrA@gnIx^ iwndrA@gnIx^ Awhu@vaxddhyai#

iqndrAqgnI A#huqvaddhyA# AhuqvaddhyA# indrAqgnI i#ndrAqgnI A#huqvaddhyai# | Ok

23. iqndrAqgnI |

iqndrAqgnIq itI$ndra - aqgnIq | Ok

1.1.14.1(4): Awhuqvaxddhyai# | uqBAx |

Before sandhi: Awhu@vaxddhyai# u@BAx u@BAx Awhu@vaxddhyai# Awhu@vaxddhyai# u@BAx

AqhuqvaddhyA#uqBoBA &&huqvaddhyA# AhuqvaddhyA# uqBA | Ok

1.1.14.1(5): uqBAx | rAxdha#safH |

Before sandhi: u@BAx rAxdha#safH rAxdha#safH u@BAx u@BAx rAxdha#safH

uqBA rAdha#soq rAdha#so uqBoBA rAdha#saH |   
aH visargam drops; does not become o before vowel other than ‘a’

Fixed sandhi rule – see comments below

New output

uqBA rAdha#saq rAdha#sa uqBoBA rAdha#saH |

The radha#saH becomes radha#soq before ‘r’. Visaragam ‘aH’ drops before vowels except ‘a’, We will check and fix vish’s logic once and for all

26. rAdha#saH |

rAdha#saq itiq rAdha#saH | like here

The “iti” sequence is outside of normal flow and is not subject to sandhi rules OK noted

1.2.1.2(1): haxvA#mafhef | ixndrA#gnIf |

Before sandhi: haxvA#mafhef ixndrA#gnIf^ ixndrA#gnIf^ haxvA#mafhef haxvA#mafhef ixndrA#gnIf

havA#mahaq indrA$gnIq indrA$gnIq havA#maheq havA#mahaq indrA$gnI | Ok

1.2.1.2(2): ixndrA#gnIf | dyAxvA#pRufthifvIf |

Before sandhi: ixndrA#gnIf^ dyAxvA#pRufthifvIf^ dyAxvA#pRufthifvIf^ ixndrA#gnIf^ ixndrA#gnIf^ dyAxvA#pRufthifvIf

indrA$gnIq dyAvA#pRuthivIq dyAvA#pRuthivIq indrA$gnIq indrA$gnIq dyAvA#pRuthivI | Ok

29. indrA$gnI |

indrA$gnIq itindra# - aqgnIq | Ok

1.2.1.2(3): dyAxvA#pRufthifvIf | Axpa#H |

Before sandhi: dyAxvA#pRufthifvIf^ Axpa#H Axpa#H dyAxvA#pRufthifvIf^ dyAxvA#pRufthifvIf^ Axpa#H

dyAvA#pRuthivIq Apaq Apoq dyAvA#pRuthivIq dyAvA#pRuthivIq Apa#H | Ok

31. dyAvA#pRuthivI |

dyAvA#pRuthivIq itiq dyAvA$ - pRuqthiqvIq | Ok

32. Apa#H |

Apaq ityApa#H | OK

1.2.5.2(1): kRuwntAwmiw | aqsmex |

Before sandhi: kRuwntAwmiw a@smex^ a\*@smex^ kRuwntAwmiw kRuwntAwmiw a@smex

kRuqntAqm yaqsme aqsme kRu#ntAmi kRuntAm yaqsme | OK

1.2.5.2(2): aqsmex | rAxya#H |

Before sandhi: a@smex^ rAxya#H rAxya#H a@smex^ a\*@smex^ rAxya#H

aqsme rAyoq rAyoq &sme aqsme rAya#H | OK

35. aqsme |

aqsme ityaqsme | OK

1.2.5.2(3): rAxya#H | tvex |

Before sandhi: rAxya#H tvex^ tvex^ rAxya#H rAxya#H tvex

rAyaqstve tve rAyoq rAyaqstve | Ok

37. tve |

tve itiq tve | Ok

1.2.8.2(1): dhUwrqShAwhauw | awnaqSrUx |

Before sandhi: dhUwr@ShAwhauw awna@SrUx^ awna@SrUx^ dhUwr@ShAwhauw dhUwr@ShAwhauw awna@SrUx

dhUqrq.ShAqhAq vaqnaqSrU a#naqSrU dhU$r.ShAhau dhUr.ShAhA vanaqSrU | Ok

39. dhUqrq.ShAqhauq |

dhUqrq.ShAqhAqviti# dhUH - sAqhauq | ok

1.2.8.2(2): awnaqSrUx | axvI#rafhafNauf |

Before sandhi: awna@SrUx^ axvI#rafhafNauf axvI#rafhafNauf awna@SrUx^ awna@SrUx^ axvI#rafhafNauf

aqnaqSrU avI#rahaNAq vavI#rahaNA vanaqSrU a#naqSrU avI#rahaNau | Ok

41. aqnaqSrU |

aqnaqSrU itya#naqSrU | Ok

1.2.8.2(3): axvI#rafhafNauf | brawhmaqcoxda#nauf |

Before sandhi: axvI#rafhafNauf brawhma@coxda#nauf brawhma@coxda#nauf axvI#rafhafNauf axvI#rafhafNauf brawhma@coxda#nauf

avI#rahaNau brahmaqcoda#nau brahmaqcoda#nAq vavI#rahaNAq vavI#rahaNau brahmaqcoda#nau | Ok

43. avI#rahaNau |

avI#rahaNAqvityavI#ra - haqnauq | OK

44. braqhmaqcoda#nau |

braqhmaqcoda#nAqviti# brahma - coda#nau | ok

1.2.13.2(1): iwtawmw | awddhvaqraxmx |

Before sandhi: iwtawmw awddhva@raxmx awddhva@raxmx iwtawmw iwtawmw awddhva@raxmx

iqtaqm aqddhvaqram a#ddhvaqram i#tam itam addhvaqram | Ok

1.2.13.2(2): awddhvaqraxmx | kaqlpaxya#ntIf |

Before sandhi: awddhva@raxmx ka@lpaxya#ntIf^ ka@lpaxya#ntIf^ awddhva@raxmx awddhva@raxmx ka@lpaxya#ntIf

aqddhvaqram kaqlpaya#ntI kaqlpaya#ntI addhvaqram a#ddhvaqram kaqlpaya#ntI | OK

1.2.13.2(3): kaqlpaxya#ntIf | Uqrddhvaxmx |

Before sandhi: ka@lpaxya#ntIf^ U@rddhvaxmx U@rddhvaxmx ka@lpaxya#ntIf^ ka@lpaxya#ntIf^ U@rddhvaxmx

kaqlpaya#ntI Uqrddhvam Uqrddhvam kaqlpaya#ntI kaqlpaya#ntI Uqrddhvam | Ok

48. kaqlpaya#ntI |

kaqlpaya#ntIq iti# kaqlpaya#ntI | OK

1.2.13.2(4): Uqrddhvaxmx | yaqj~jaxmx |

Before sandhi: U@rddhvaxmx ya@j~jaxmx ya@j~jaxmx U@rddhvaxmx U@rddhvaxmx ya@j~jaxmx

UqrddhvaM ~Myaqj~jaM ~Myaqj~jam Uqrddhvam UqrddhvaM   
~Myaqj~jam | Ok

50. yaqj~jam |

yaqj~jamiti# yaqj~jam | Ok

2.5.1.4(1): eqShaxH | vaxrNa#H |

Before sandhi: e@ShaxH vaxrNa#H vaxrNa#H e@ShaxH e@ShaxH vaxrNa#H

eqSho varNoq varNa# eqSha eqSho varNa#H | Visargam drops for eShaH except for ‘a’; similarly run check of syaH and saH as separate padam.

Handled all 3 as special padams that will have visargam dropped except when followed by ‘a’. Not possible to put this in sandhi table because of technical limitations. See Comments

New output

eqSha varNoq varNa# eqSha iSha varNa#H |

When visargam drops no sandi between eqsha and following esha

2.5.1.4(2): vaxrNa#H | axtho# |

Before sandhi: vaxrNa#H axtho#^ axtho#^ vaxrNa#H vaxrNa#H axtho#

varNo &thoq athoq varNoq varNo &tho$ | Ok

2.5.1.4(3): axtho# | Kaxlu# |

Before sandhi: axtho#^ Kaxlu# Kaxlu# axtho#^ axtho#^ Kaxlu#

athoq Kaluq Kalvathoq athoq Kalu# | Ok

54. atho$ |

athoq ityatho$ | Ok

2.5.1.4(4): Kaxlu# | axnu# |

Before sandhi: Kaxlu# axnu# axnu# Kaxlu# Kaxlu# axnu#

Kalvanvanuq Kaluq Kalvanu# | Ok

2.5.1.4(5): axnu# | uwcyewtew |

Before sandhi: axnu# uwcyewtew^ uwcyewtew^ axnu# axnu# uwcyewtew

anU$cyete ucyeteq anvanU$cyete | OK

2.5.1.4(6): uwcyewtew | vRuxdha#nvaftIf |

Before sandhi: uwcyewtew^ vRuxdha#nvaftIf^ vRuxdha#nvaftIf^ uwcyewtew^ uwcyewtew^ vRuxdha#nvaftIf

uqcyeqteq vRudha#nvatIq vRudha#nvatI ucyete ucyeteq vRudha#nvatI | Ok

58. uqcyeqteq |

uqcyeqteq iti# ucyete | Ok

2.5.1.4(7): vRuxdha#nvaftIf | awmAwvAqsyA/yAfmf |

Before sandhi: vRuxdha#nvaftIf^ awmAwvA@syA/yAfmf awmAwvA@syA/yAfmf vRuxdha#nvaftIf^ vRuxdha#nvaftIf^ awmAwvA@syA/yAfmf

vRudha#nvatI amAvAqsyA#yAm amAvAqsyA#yAqM ~MvRudha#nvatIq vRudha#nvatI amAvAqsyA#yAm | Ok

60. vRudha#nvatI |

vRudha#nvatIq itiq vRudhann# - vaqtIq | Ok

2.5.1.4(8): awmAwvAqsyA/yAfmf | taxtx |

Before sandhi: awmAwvA@syA/yAfmf taxtx taxtx awmAwvA@syA/yAfmf awmAwvA@syA/yAfmf taxtx

aqmAqvAqsyA#yAqm tat tad a#mAvAqsyA#yAm amAvAqsyA#yAqm tat | Ok

62. aqmAqvAqsyA#yAm |

aqmAqvAqsyA#yAqmitya#mA - vAqsyA#yAm | Ok

63. tat |

taditiq tat | ok

2.5.5.5(1): yaxtx | vaqthsAxnx |

Before sandhi: yaxtx va@thsAxnx va@thsAxnx yaxtx yaxtx va@thsAxnx

yad vaqthsAn. vaqthsAn. yad yad vaqthsAn | OK

2.5.5.5(2): vaqthsAxnx | awpAwkaqroxti# |

Before sandhi: va@thsAxnx awpAwka@roxti# awpAwka@roxti# va@thsAxnx va@thsAxnx awpAwka@roxti#

vaqthsA(gm) a#pAkaqrot ya#pAkaqroti# vaqthsAn. vaqthsA(gm) a#pAkaqroti# | ngmv rule not indicated it picks something from Vish’s routine

There is a whole bunch of gm rules in Vishwanad’s table:

An + a => A(gm) a

An + l => A(gm) l

An + u => A(gm) u

In + a => I(gm) ra

Un + a => U(gm) ra

What should we do with these? I have disabled the first rule to get the desired output above; Vish was applying this rule as general for Rudram sake.

This is now what is covered in our ngmv and ngmr rule so we have to disable Vishwanad’s routine since it is applicable based on word combinations. So is ngg rule to take care n+t and n+c , the equivalent routine to be removed

2.5.5.5(3): awpAwkaqroxti# | sawdowhawviwrddhAqnex |

Before sandhi: awpAwka@roxti# sawdowhawviwrddhA@nex^ sawdowhawviwrddhA@nex^ awpAwka@roxti# awpAwka@roxti# sawdowhawviwrddhA@nex

aqpAqkaqroti# sadohavirddhAqne sa#dohavirddhAqne a#pAkaqrot ya#pAkaqroti# sadohavirddhAqne | Ok

67. aqpAqkaqroti# |

aqpAqkaqrotItya#pa - Aqkaqroti# | OK

2.5.5.5(4): sawdowhawviwrddhAqnex | yaqj~jaxsya# |

Before sandhi: sawdowhawviwrddhA@nex^ ya@j~jaxsya# ya@j~jaxsya# sawdowhawviwrddhA@nex^ sawdowhawviwrddhA@nex^ ya@j~jaxsya#

saqdoqhaqviqrddhAqne yaqj~jasya# yaqj~jasya# sadohavirddhAqne sa#dohavirddhAqne yaqj~jasya# | Ok

69. saqdoqhaqviqrddhAqne |

saqdoqhaqviqrddhAqne iti# sadaH - haqviqrddhAqne | OK

2.5.5.5(5): yaqj~jaxsya# | axnu#KyAftyaif |

Before sandhi: ya@j~jaxsya# axnu#KyAftyaif axnu#KyAftyaif ya@j~jaxsya# ya@j~jaxsya# axnu#KyAftyaif

yaqj~jasyAnu#KyAtyaiq anu#KyAtyai yaqj~jasya# yaqj~jasyAnu#KyAtyai |

ai becomes A before vowel

There is a rule in Vishwanad’s table that states that

ai + any\_vowel\_except\_a = A

I have fixed the above rule to include ‘a’. Is his original rule incorrect?

Response: Vishwanath’s rule is correct ; check how it is applied and why not taking effect.

2.5.5.5(6): axnu#KyAftyaif | axtho# |

Before sandhi: axnu#KyAftyaif axtho#^ axtho#^ axnu#KyAftyaif axnu#KyAftyaif axtho#

anu#KyAtyaiq athoq athoq anu#KyAtyaiq anu#KyAtyaiq atho$ |   
Check if you had input as PG or PGS.. ai becomes A before vowel.

Check vish’s routine. New output ok

72. anu#KyAtyai |

anu#KyAtyAq ityanu# - KyAqtyaiq | see yai becomes yA Ok

2.5.5.5(7): axtho# | sAwmiwdheqnIxH |

Before sandhi: axtho#^ sAwmiwdhe@nIxH sAwmiwdhe@nIxH axtho#^ axtho#^ sAwmiwdhe@nIxH

atho# sAmidheqnIH sA#midheqnI rathoq atho# sAmidheqnIH | Ok

74. atho$ |

athoq ityatho$ | Ok

75. sAqmiqdheqnIH |

sAqmiqdheqnIriti# sAM - iqdheqnIH | ok

2.5.12.1(1): Ax | nawH |

Before sandhi: Ax nawH nawH Ax Ax nawH

A no# naq A na#H | Ok

2.5.12.1(2): nawH | diqvaxH |

Before sandhi: nawH di@vaxH di@vaxH nawH nawH di@vaxH

noq diqvo diqvo no# no diqvaH | ok

2.5.12.1(3): diqvaxH | axgnA#vifShNUf |

Before sandhi: di@vaxH axgnA#vifShNUf^ axgnA#vifShNUf^ di@vaxH di@vaxH axgnA#vifShNUf

diqvo &gnA#viShNUq agnA#viShNU diqvo diqvo &gnA#viShNU | OK

2.5.12.1(4): axgnA#vifShNUf | axgnA#vifShNUf |

Before sandhi: axgnA#vifShNUf^ axgnA#vifShNUf

agnA#viShNUq agnA#viShNU | Ok

80. agnA#viShNU |

agnA#viShNUq ityagnA$ - viqShNUq | OK

2.5.12.1(5): axgnA#vifShNUf | iqmaxmx |

Before sandhi: axgnA#vifShNUf^ i@maxmx i@maxmx axgnA#vifShNUf^ axgnA#vifShNUf^ i@maxmx

agnA#viShNU iqmam iqmam agnA#viShNUq agnA#viShNU iqmam | OK

82. agnA#viShNU |

agnA#viShNUq ityagnA$ - viqShNUq | Ok

83. iqmam |

iqmamiti# iqmam | Ok

2.5.12.5(1): iwndriqyAxNi# | Sawtawkrawtow |

Before sandhi: iwndri@yAxNi# Sawtawkrawtow Sawtawkrawtow iwndri@yAxNi# iwndri@yAxNi# Sawtawkrawtow

iqndriqyANi# Satakrato SatakraqtavndriqyANI$ndriqyANi# Satakrato |

Here We have given PGSN only but Sandhi with previous done.

Got confused by PGSN. PGSN now will allow sandhi for next pada but not other padas. New output okay

2.5.12.5(2): Sawtawkrawtow | axnu# |

Before sandhi: Sawtawkrawtow^ axnu# axnu# Sawtawkrawtow Sawtawkrawtow^ axnu#

Saqtaqkraqtoq anvanu# Satakrato Satakratoq anu# | OK

Comment: Sethu Slept Raja woke him up ☺ new output OK

86. Saqtaqkraqtoq |

Saqtaqkraqtoq iti# Sata - kraqtoq | OK

2.5.12.5(3): axnu# | tew |

Before sandhi: axnu# tew tew axnu# axnu# tew

anu# teq te &nvanu# te | Ok

2.5.12.5(4): tew | dAwyiw |

Before sandhi: tew dAwyiw dAwyiw tew tew dAwyiw

teq dAqyiq dAqyiq teq teq dAqyiq | ok

89. dAqyiq |

dAqyIti# dAyi | ok

5.3.6.2(1): axtha# | miwthuqnIx |

Before sandhi: axtha# miwthu@nIx miwthu@nIx axtha# axtha# miwthu@nIx

atha# mithuqnI mi#thuqnq. yathAtha# mithuqnI | Ok

5.3.6.2(2): miwthuqnIx | awBawvawnnx |

Before sandhi: miwthu@nIx^ awBawvawnnx awBawvawnnx miwthu@nIx miwthu@nIx^ awBawvawnnx

miqthuqnI a#Bavann aBavan mithuqnI mi#thuqnI a#Bavann | OK

5.3.6.2(3): awBawvawnnx | SyeqtIx |

Before sandhi: awBawvawnnx Sye@tIx Sye@tIx awBawvawnnx awBawvawnnx Sye@tIx

aqBaqvaqn SyeqtI Syeqt ya#Bavann aBavan SyeqtI | Ok

5.3.6.2(4): SyeqtIx | awkuwruwtaw |

Before sandhi: Sye@tIx^ awkuwruwtaw awkuwruwtaw Sye@tIx Sye@tIx^ awkuwruwtaw

SyeqtI a#kurutAkuruta SyeqtI SyeqtI a#kuruta | OK

5.3.6.2(5): awkuwruwtaw | taxtx |

Before sandhi: awkuwruwtaw taxtx taxtx awkuwruwtaw awkuwruwtaw taxtx

aqkuqruqtaq tat tad a#kurutAkurutaq tat | Ok

95. tat |

taditiq tat | ok

6.4.3.4(1): jawnawyawtiw | axddhva#ryof |

Before sandhi: jawnawyawtiw axddhva#ryof axddhva#ryof jawnawyawtiw jawnawyawtiw axddhva#ryof

jaqnaqyaqt yaddhvaqryo&ddhva#ryo janayati janayaqt yaddhva#ryo | OK

6.4.3.4(2): axddhva#ryof | axve#H |

Before sandhi: axddhva#ryof axve#H axve#H axddhva#ryof axddhva#ryof axve#H

addhvaqryo&veq raveq raddhvaqryo&ddhvaqryo&ve#H | ok

98. addhva#ryo |

addhva#ryoq ityaddva#ryo | Ok

6.4.3.4(3): axve#H | aqpAx(3)xH |

Before sandhi: axve#H a@pAx(3)xH a@pAx(3)xH axve#H axve#H a@pAx(3)xH

ave# raqpA( )H aqpA( )H aveq rave# raqpA( )H |

Note: This number is plutam value. If this is not handled, use the Bracket number with same swarm as the original vowel. A(3)H visargam should drop ..but 3 comes and plays spoilsport, I think. So for processing Visaraga sandhi ignore the (3) or (4) that will come in brackets. Check Vish program.

New output Okay

100. aqpA(3)H |

aqpA(3) ityaqpA(3)H | like this