NLP Assignment 4 - POS Tagging

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In this assignment we aim at tagging a sentence with appropriate Parts of Speech. We have developed a tagger which is independent of the language.Given training data in any language it can give tag a new sentence in that language.

About the code:

The code is broadly divided into the following categories:
- Data initialization.
- Obtaining Training data.
- Computing Transition and Emission probabilities.
- Applying Viterbi on test sentences using the above computed probabilities.
- Printing the test sentence along with its most probable tag in "word_tag" format.

About the Training Data

Our training data consisted of a set of tagged sentences .The sentences are separated by a "new-line" character. Every sentence has a word with a token attached to it with an underscore and the word-tag pair separated by white space character. We trained our model using 1000 tagged sentences for each language and developed transmission and emission matrices. Then the most probable tags for the sentence are calculated with the help of Viterbi algorithm .

Task Descriptions:

Data Learning:

a.Processing the Training Data:

As mentioned before , the training data is a collection of 1000 sentences with each sentence having word-tag pairs. The training data is read line by line , and then every line split with white space character. The corresponding word and tag are stored in the appropriate data structures for using them later in the Viterbi algorithm.

b. Construction of Emission matrix:

Emission matrix is constructed with words as the rows and tags as the coloumns. In a column all possible words for a tag are present and in a row all possible tags for a word are present.

For each word the count is increased corresponding to its tag. Then probability is calculated by dividing the number of times the tag produces the word by the number of times the tag has occured.

$$P(word/tag)=P(word,tag)/P(tag)$$

c. Construction of Transition matrix:

The Transition matrix is a 2D array , with previous tags as rows and current tags as columns of the transition matrix. For a pair of tags (u,v) where u is the previous tag and v is the current tag, count(u,v) is stored in transitionMatrix[u][v].

$$P(tag1,tag2)=P(tag2,tag1)/P(tag2)$$

Tagging of the sentence

a. Viterbi Algorithm:

The forward algorithm was implemented here. Using the transition and emission probabilities obtained from the training data , the most probable tag sequence is assigned to every test sentence using the Viterbi algorithm. A matrix M of n X t is constructed where n is the number of words in the sentence and t is the number of tags for each sentence which contains probability of the tag sequence of the sentence till that position.The probability is calculated as:

$$V(Word_k, Tag_k) = max(V(Word_{k-1}, Tag_{k-1}) * Transition(Tag_k / Tag_{k-1}) * Emission(Word_k, Tag_k)$$

b. Evaluating the tags:

After applying the Viterbi algorithm mentioned above , we get the probabilities at every position for all possible tags. A backtracking method is implemented to find the best possible set of tags for a particular test sentence. We start at last word of the test sentence and obtain that tag associated with maximum probability and continue doing so for the rest of the words.

c. Generating the tagged sentence:

The most probable tag sequence so obtained is stored and is printed with its corresponding word in "word_tag" format.

Assumptions

- For every unknown word, the precedent word's most probable tag(t1) is taken and the tag(t2) into which this tag(t1) undergoes transition with high probability is taken as the tag for the unknown word and the unknown word is given that tag(t2) It is also added to the emission and transition matrix.
- Also assumed that the words in the test data take tags only present in the corresponding training data . Hence instead of having a global tag set for all the languages , used a tag set which consists of all the distinct tags in the training data of that particular language

Observations

- The traning data provided consists of 1000 lines only which is sparse , so implementing smoothing does not give you a very appropriate tag sqeuence
- Majority of the tags we get are NN because the count of NN in the training data is higher than any other tag
- Some obvious words which are supposed to be Verbs also have NN as tags because of the above reason
- Whenever a word from test data does not occur in the training data , the most probable tag assigned to it is 'NN', because although E(word/tag) is constant for every tag, T(tag/beforeTag) is higher for Noun

Results

Model - 1

Hindi

hin_001 " ise_PRP navAba_NN SAhajehana_PSP ne_PSP banavAyA_NN WA_VM ._SYM "
hin_002 " isakA_PRP praveSa_NN xvAra_PSP xo_QC maMjilA_NN hE_VM ._SYM "
hin_003 " pUrI_JJ imArawa_NN behaxa_INTF KUbasUrawa_JJ hE_VM ._SYM "
hin_004 " yaha_DEM hiMxU_NN Ora_CC mugala_JJ kalA_NN kA_PSP axBuwa_NN saMgama_JJ hE_VM ._SYM "
hin_005 " yaha_DEM BArawa_NNP kI_PSP anUTI_NN rARtrIya_JJ saMsWA_NN hE_VM ._SYM "
hin_006 " ise_PRP cArlsa_NN koriyA_PSP ne_PSP dijAina_NN kiyA_VM hE_VAUX ._SYM "
hin_007 " saMgrahAlaya_NN somavAra_NNP ko_PSP baMxa_NN rahawA_VM hE_VAUX ._SYM "
hin_008 " yaha_DEM arerA_NN hilsa_PSP para_PSP sWiwa_JJ hE_VM ._SYM "
hin_009 " yaha_DEM 445_NN "_SYM hEkteyara_NN meM_PSP PElA_DEM hE_DEM ._SYM "
hin_010 " kEse_NN pahuzce_PSP ?_SYM "
hin_011 " BopAla_JJ ,_SYM xilI_NNP -_SYM maxrAsa_NNP mena_PSP lAina_NN para_PSP hE_VM ._SYM "
hin_012 " kaba_NN jAez_PSP ?_SYM "
hin_013 " varRa_NN meM_PSP kaBI_PRP BI_RP Apa_PRP yahAz_PRP jA_VM sakawe_VAUX hEM_VAUX ._SYM "
hin_014 " jinameM_NN rAjA_NN bIra_PSP siMha_NNP jUxeva_PSP kA_PSP nAma_NN pramuKa_JJ hE_VM ._SYM "
hin_015 " Upara_NST kI_PSP ora_NST SAnaxAra_VM CawariyAz_VAUX isakI_PRP SoBA_NN baDZAwI_PSP hEM_VM ._SYM "
hin_016 " yahAz_PRP ke_PSP KUbasUrawa_NN swaMBa_NN mana_NN moha_VM lewe_VAUX hEM_VAUX ._SYM "
hin_017 " yaha_DEM aPagAnI_NN kalA_NN kA_PSP bejodZa_NN uxAharaNa_NN hE_VM ._SYM "
hin_018 " kEse_NN jAez_PSP "
hin_019 " kaba_NN jAez_PSP ,_SYM "
hin_020 " isa_DEM samaya_NN yahAz_PRP paryatakoM_NN kA_PSP melA_NN lagA_VM rahawA_VAUX hE_VAUX ._SYM "
hin_021 " yahAz_PRP Ama_JJ paryataka_NN ko_PSP praveSa_NN nahIM_NEG milawA_VM ._SYM "
hin_022 " raNaWamBOra_NN kilA_WQ jayapura_VM se_PSP karIba_RB 200_NN "_SYM ki.mI._NN xUra_PSP hE_VM ._SYM "
hin_023 " jaMgala_NN meM_PSP vana_NN viBAga_PSP kI_PSP karIba_RB panxraha_NN cOkiyAz_PSP hEM_VM ._SYM "
hin_024 " yahAz_PRP eka_QC waraPa_NST barPa_VM ke_PSP suMxara_JJ gleSiyara_NN hEM_VM ._SYM "
hin_025 " isa_DEM saPara_NN kI_PSP SurUAwa_NN karawe_VM hEM_VAUX iMtaralekana_VAUX osta_VAUX se_PSP ._SYM "
hin_026 " binA_NN cUke_PSP usakA_PRP tikata_NN le_VM lIjie_VAUX ._SYM "
hin_027 " skOYtalEMda_NN KUbasUrawa_PSP kAsalsa_NN (_SYM kiloM_NN)_SYM kA_PSP xeSa_NN hE_VM ._SYM "
hin_028 " GumakkadZa_NN logoM_NN ke_PSP lie_PSP yaha_DEM svarga_NN se_PSP baDZakara_NN hE_VM ._SYM "
hin_029 " lekina_NN yahAz_PRP kA_PSP apanA_PRP maMwrImaMdala_NN hE_VM ._SYM "
hin_030 " garmiyoM_NN meM_PSP yahAz_PRP kA_PSP mOsama_NN behaxa_INTF suhAvanA_JJ howA_VM hE_VAUX ._SYM "
hin_031 " piswro_NN yahAz_PRP kI_PSP BARA_NN meM_PSP reswrAM_NN ko_PSP kahawe_VM hEM_VAUX ._SYM "
hin_032 " Ora_CC Apa_PRP perisa_NN kI_PSP KUbasUrawI_NN kA_PSP nayA_JJ rUpa_NN xeKeMge_PSP ._SYM "
hin_033 " vEse_PRP wo_RP perisa_VM myUjiyamoM_VAUX kI_PSP BI_RP rAjaXAnI_NN hE_VM ._SYM "
hin_034 " lekina_NN myUjiyama_PSP xI_NN lavIsa_PSP inameM_PRP nAyAba_NN hE_VM ._SYM "
hin_035 " puloM_NN para_PSP kI_VM gaI_VAUX kArIgarI_VAUX xeKawe_VM hI_RP banawI_VM hE_VAUX ._SYM "
hin_036 " lekina_NN jannawa_PSP kI_PSP sEra_NN meM_PSP iwanA_QF hI_RP nahIM_NEG ._SYM "
hin_037 " yahAz_PRP kA_PSP rOYka_NN myUjika_PSP kAPI_QF lokapriya_JJ hE_VM ._SYM "
hin_038 " PloridA_NN meM_PSP bAra_RP -_SYM bAra_RP wUPAna_VM Awe_VM hEM_VAUX ._SYM "
hin_039 " bildiMga_NN ko_PSP pUrI_JJ waraha_NN ultA_PSP banAyA_VM gayA_VAUX hE_VAUX ._SYM "
hin_040 " isakI_PRP Cawa_NN nIce_NST Ora_INTF nIMva_JJ Upara_NST hE_VM ._SYM "
hin_041 " bildiMga_NN ke_PSP aMxara_NN Apake_PRP lie_PSP kAPI_INTF kuCa_QF hE_VM ._SYM "
hin_042 " yaha_DEM Pilma_NN Ora_CC tIvI_NN sIriyala_PSP besa_NN WIma_PSP pArka_NN hE_VM ._SYM "
hin_043 " yahAz_PRP sArI_QF PilmeM_NN iMtarektiva_PSP sekSana_NN meM_PSP raKI_NN gaI_DEM hEM_DEM ._SYM "
hin_044 " yahAz_PRP kaI_QF Pana_NN pEkda_PSP vOYtara_NN rAidsa_PSP hEM_VM ._SYM "
hin_045 " samara_JJ yahAz_PRP kA_PSP pIka_NN mOsama_NN hE_VM ._SYM "
hin_046 " kahAz_NN Tahare_PSP -_SYM "
hin_047 " pIka_NN deja_PSP meM_PSP bukiMga_NN kAPI_QF mazhagI_NN ho_VM jAwI_VAUX hE_VAUX ._SYM "
hin_048 " yaha_DEM nIxaralEMda_NN kI_PSP rAjaXAnI_NN hE_VM ._SYM "
hin_049 " yaha_DEM xuniyA_NN ke_PSP sabase_INTF raMgIna_JJ SaharoM_NN meM_PSP SumAra_NN hE_VM ._SYM "
hin_050 " yaha_DEM Sahara_NN kaI_QF KUbasUrawa_NN naharoM_PSP se_PSP judZA_VM hE_VAUX ._SYM "
hin_051 " yahAz_PRP kI_PSP KUbasUrawI_NN Ora_CC hariyAlI_NN xeKawe_VM hI_RP banawI_VM hE_VAUX ._SYM "
hin_052 " emstardama_NN ke_PSP xakRiNa_NN meM_PSP prasixXa_JJ redalAita_NN ilAkA_PSP hE_VM ._SYM "
hin_053 " yahAz_PRP seksa_NN varkiMga_PSP ko_PSP vyavasAya_NN kA_PSP xarjA_NN prApwa_JJ hE_VM ._SYM "
hin_054 " yahAz_PRP aneka_QF myUjiyama_NN hEM_VM ._SYM "
hin_055 " inameM_PRP se_PSP merItaima_NN myUjiyama_PSP kAPI_QF prasixGa_NN hE_VM ._SYM "
hin_056 " ise_PRP hOYIEMda_NN kA_PSP gArdana_NN kahA_VM jAwA_VAUX hE_VAUX ._SYM "
hin_057 " Aja_NN kile_PSP kA_PSP BagnAvaSeRa_NN svarUpa_PSP hI_RP SeRa_VM hE_VAUX ._SYM "
hin_058 " yahAz_PRP kA_PSP sabase_INTF najaxIkI_JJ eyaraporta_NN jabalapura_PSP hE_VM ._SYM "
hin_059 " kahAz_NN Tahare_PSP ?_SYM "

hin_060 " yaha_DEM kilA_NN rAjapUwI_PSP sWApawya_NN kalA_NN kA_PSP bejodZa_NN namUnA_PSP hE_VM ._SYM "
hin_061 " jEsalamera_NN meM_PSP EsI_DEM kal_QF haveliyAz_NN hEM_VM ._SYM "
hin_062 " jahAz_PRP sone_NN sI_RP camakawI_VM hE_VAUX rewa..._VAUX "
hin_063 " yahAz_PRP Apa_PRP botiMga_NN kA_PSP luwPa_NN BI_RP uTA_VM sakawe_VAUX hEM_VAUX ._SYM "
hin_064 " yahAz_PRP kA_PSP nEsargika_NN sOMxarya_NN Apako_PRP aBiBUwa_NN kara_VM xegA_VAUX ._SYM "
hin_065 " yaha_PRP eka_QC nijI_NN saMgrahAlaya_NN hE_VM ._SYM "
hin_066 " yahAz_PRP hEMdIkrAPta_NN kI_PSP amUlya_NN XarohareM_PSP saMgqhiwa_NN hEM_VM ._SYM "
hin_067 " yaha_DEM jagaha_NN kaBI_PRP jEsalamera_NN kI_PSP rAjaXAnI_NN huA_VM karawI_VAUX WI_VAUX ._SYM "
hin_068 " isake_PRP pAsa_NST hI_RP vISAla_JJ bAzXa_NN hE_VM ._SYM "
hin_069 " yaha_DEM pUrA_JJ ilAkA_NN nEsargika_PSP sOMxarya_NN se_PSP paripUrNa_NN hE_VM ._SYM "
hin_070 " mugaloM_NN kA_PSP yaha_PRP sabase_INTF pasaMxIxA_JJ Sahara_NN rahA_VM hE_VAUX ._SYM "
hin_071 " iwihAsa_NN BI_RP kuCa_QF kahawA_VM hE_VAUX -_SYM "
hin_072 " SukravAra_NN ke_PSP xina_NN isakA_PRP muKya_JJ xvAra_NN baMxa_PSP rahawA_VM hE_VAUX ._SYM "
hin_073 " isakA_PRP nirmANa_NN 1565_PSP "_SYM I._PSP meM_PSP akabara_NN ne_PSP karavAyA_NN WA_VM ._SYM "
hin_074 " sAzcI_NN ,_SYM JAzsI_NN -_SYM itArasI_NN relamArga_PSP para_PSP sWiwa_JJ hE_VM ._SYM "
hin_075 " BopAla_JJ se_DEM sAzcI_DEM kI_DEM xUrI_DEM mAwra_DEM 46_DEM "_SYM kimI_DEM hE_DEM ._SYM "
hin_076 " BopAla_JJ se_DEM tEksiyAz_DEM Ora_DEM baseM_DEM upalabXa_DEM hEM_DEM ._SYM "
hin_077 " kahAz_NN TahareM_PSP ?_SYM "
hin_078 " sAzcI_NN meM_PSP Taharane_NN ke_PSP lie_PSP aneka_QF suviXAez_NN hEM_VM ._SYM "
hin_079 " nakalI_NN gAidoM_PSP Ora_CC xalAloM_NN se_PSP sAvaXAna_NN raheM_PSP ._SYM "
hin_080 " ina_DEM paryatakoM_NN meM_PSP kuCa_QF sirPa_RB GUmane_NN Awe_VM hEM_VAUX ._SYM "
hin_081 " ciwwOdZa_NN kA_PSP kilA_NN eka_QC pahAdZI_NN para_PSP sWiwa_JJ hE_VM ._SYM "
hin_082 " yahAz_PRP eka_QC CotA_JJ -_SYM sA_RP rahavAsI_VM mohallA_VAUX BI_RP hE_VM ._SYM "
hin_083 " isa_DEM nO_QC maMjilA_NN swaMBa_PSP meM_PSP lagaBaga_RB 157_NN "_SYM sIDiyAz_NN hEM_VM ._SYM "
hin_084 " nOvIM_NN maMjila_PSP para_PSP KUbasUrawa_NN JaroKe_PSP hEM_VM ._SYM "
hin_085 " yaha_DEM swaMBa_NN praWama_QO jEna_NN wIrWaMkara_PSP AxinAwajI_NN ko_PSP samarpiwa_NN hE_VM ._SYM "
hin_086 " vAswava_NN meM_PSP yaha_DEM maMxira_XC BagavAna_NN SrIkqRNa_PSP kA_PSP hE_VM ._SYM "
hin_087 " kile_NN meM_PSP gOmuKa_NN nAmaka_JJ eka_QC wAla_NN hE_VM ._SYM "
hin_088 " isalie_CC wAlAba_NN ko_PSP gOmuKa_NN nAma_NN xiyA_VM gayA_VAUX hE_VAUX ._SYM "
hin_089 " PilahAla_NN yahAz_PRP havAI_XC addA_NN nahIM_NEG hE_VM ._SYM "
hin_090 " isa_PRP xOrAna_NST yahAz_PRP kA_PSP mOsama_NN bahuwa_QF acCA_NN howA_VM hE_VAUX ._SYM "
hin_091 " ciwwOdZa_NN eka_QC CotA_JJ ,_SYM SAMwa_JJ Ora_CC saswA_NN Sahara_NN hE_VM ._SYM "
hin_092 " ise_PRP '_SYM arorA_PSP borelisa_NN '_SYM kahawe_VM hEM_VAUX ._SYM "
hin_093 " yaha_DEM gAzva_NN saMsAra_NN kA_PSP sabase_INTF uwwarI_JJ gAzva_NN hE_VM ._SYM "
hin_094 " agale_NN xina_NN hama_PRP loga_NN trAmso_PSP pahuzce_NN ._SYM "
hin_095 " Arkatika_NN sarkala_PSP eka_QC kAlpanika_JJ reKA_NN hE_VM ._SYM "
hin_096 " agale_NN xina_NN hama_PRP loga_NN oldena_PSP pahuzce_NN ._SYM "
hin_097 " briksadalena_NN gleSiyara_PSP lAKoM_NN sAla_NN purAnA_JJ hE_VM ._SYM "
hin_098 " jostedalsabrIna_NN gleSiyara_PSP uwwarI_JJ yorapa_NN kA_PSP sabase_INTF badZA_JJ gleSiyara_NN hE_VM ._SYM "
hin_099 " yahAz_PRP gIwa_NN gAwe_PSP hEM_VM ,_SYM pawWara_VAUX BI..._VAUX ._SYM "
hin_100 " BArawIya_JJ sWApawya_NN kA_PSP bejoda_NN uxAharaNa_NN KajurAho_PSP ke_PSP pramuKa_JJ maMxira_NN ._SYM "

Telugu

tel_001 " xAxApu_RB anni_QF samayAlalonU_NN '_SYM koVMgunAdu_NN '_SYM oVka_JJ viSiRtamEna_NN svawaMwra_NN prawipawwini_NN nilupukoVMxi_NN ._SYM "
tel_002 " vyavasAya_NN praXAnamEna_JJ I_NNP prAMwAlalo_NNP ippatikI_NNP sAMskqwika_NNP vilakRaNawa_NNP kanipiswuMxi_NNP ._SYM "
tel_003 " krI_NN ._SYM pU._NN 6_NN "va_NN SawAbxaMlo_NN maxurE_NN ,_SYM wirunalveli_NN keMxraMgA_NN kulaSeKarudu_NN sWApiMcina_NN pAMdyarAjyaM_NN varWilliMxi_NN ._SYM "
tel_004 " vAri_PRP kAlaMlo_NN grIsu_NN ,_SYM romulawo_NN vANijya_NN saMbaMXAlu_NN uMdevi_NN ._SYM "
tel_005 " waruvAwa_RB cera_NN malabAru_NN wIra_NN prAMwaMlo_NN rAjyaM_NN elAru_NN ._SYM "
tel_006 " ixi_PRP sEnikaMgA_NN balamEna_NN rAjyaM_NN ._SYM "
tel_007 " vAri_PRP kAlaMlo_NN roMwo_NN vANijyaM_NN mariMwa_QF aBivqxXiceVMxiMxi_NN ._SYM "
tel_008 " krI.Sa._NN 19_NN "_SYM va_NN SawAbxaM_NN ,_SYM 14_NN "_SYM va_NN SawAbxaMvaraku_NN colYarAjulu_NN pAliMcAru_NN ._SYM "
tel_009 " karikAla_NN colYudu_NN vArilo_NN prasixXudu_NN ._SYM "
tel_010 " A_DEM kAlaMlone_NN kAveri_NN naxipE_NN Anakatta_NN kattAru_NN ._SYM "
tel_011 " ixi_PRP appati_NST sAMkewikawa_NN prajFaku_NN cihnaM_NN ._SYM "
tel_012 " 4_NN "_SYM va_NN SawAbxaMlo_NN xakRiNApaWaMloMwa_NN pallavula_NN aXInaMlo_NN uMxi_VM ._SYM "
tel_013 " maheMxra_NN varma_NN ,_SYM narasiMha_NNP varma_NN vIrilo_NN prasixXulu_NN ._SYM "
tel_014 " ixi_PRP xakRiNApaWaMlo_NN SilpAniki_NN svarNayugaM_NN ._SYM "
tel_015 " waruvAwa_RB awani_PRP kumArudu_NN rAjeMxracolYuni_NN nAyakawvaMlo_NN ,_SYM colYula_NN rAjyaM_NN balaMgA_NN viswariMciMxi_VM ._SYM "

tel_016 " colYula_NN sAmrAjyaM_NN oVrissA_NNP ,_SYM beVMgAlu_NN ._SYM bIhArulavaraku_NN viswariMciMxi_VM ._SYM "
tel_017 " wUrpu_NN cAlYukyulanu_NN ,_SYM cerarAjulanu_NN ,_SYM pAMdyarAjulanu_NN odiMcAru_NN ._SYM "
tel_018 " laMka_NN ,_SYM aMdamAn_NN -_SYM nikobAr_NN xIvulu_NN ,_SYM lakRa_NN xvIpAlu_NN ,_SYM sumawrA_NN ,_SYM jAvA_NN ,_SYM malayA_NN ,_SYM peVgU_NN xvIpAlanu_NN colYarAjulu_NN wama_PRP aXInaMloki_NN weVccukoVnnAru_NN ._SYM "
tel_019 " 13_NN "_SYM va_NN SawAbxaMlo_NN colYula_NN pAlana_NN aswamiMcimxi_NN ._SYM "
tel_020 " 14_NN "_SYM va_NN SawAbxaMlo_NN marala_NN moVxalEna_NN pAMdyarAjula_NN pAlana_NN uwwarAxinuMdi_NN '_SYM KiljI_NN '_SYM xaMdayAwralavalana_NN wvaralone_NN aMwariMcimxi_NN ._SYM "
tel_021 " waruvAwa_RB xakkan_NN prAMwaMlo_NN bahamanI_NN sulwAnula_NN rAjyaM_NN velYlUnukuMxi_NN ._SYM "
tel_022 " waxanaMwaraM_NN haMpi_NN keMxraMgA_NN vijayanagara_NNP sAmrAjyaM_NN xakRiNApaWaM_NN aMwA_QF nadaciMxi_NN ._SYM "
tel_023 " vAru_PRP nAyakar_NN ,_SYM nAyagan_NN nAyakula_NN sahAyaMwo_NN elubadi_NN sAgiMcaru_NN ._SYM "
tel_024 " 1564_NN "lo_NN walYlikota_NN yuxXaMwo_NN vijayanagarasAmrAjyaM_NN aMwariMcimxi_NN ._SYM "
tel_025 " wamilYanAta_NN cAlA_INTF prAMwAlu_NN svawaMwra_NN nAyakula_NN aXInaMlo_NN cinna_JJ cinna_JJ rAjyAlugA_NN unnAyi_VM ._SYM "
tel_026 " maxurE_NN ,_SYM waMjAvUru_NNP nAyakulu_NN goVppa_JJ AlayAlu_NN nirmiMpajeSAru_NN ._SYM "
tel_027 " ika_RP EropAvAri_NN yugaM_NN AraMBaM_NN EMxi_NN ._SYM "
tel_028 " 1609_NN "lo_NN daccivAru_NN pulikAtvaxxa_NN oVka_JJ sWAvarAnni_NN erpAtu_NN cesukoVnnAru_NN ._SYM "
tel_029 " 1639_NN "lo_NN britiR_NN IstiMdiyA_NN kaMpeVnIvAru_NN maxrAsulo_NNP sWAvaraM_NN neVIakoVlipAru_NN ._SYM "
tel_030 " sWAnika_NN nAyakula_NN maXya_NST wagavulu_NN britiRvAri_NN viswaraNaku_NN maMci_JJ avakASaM_NN iccAyi_NN ._SYM "
tel_031 " appatinuMdi_RB maxrAsu_NNP preVsideVnsI_NN rUpuxixxukuMxi_NN ._SYM "
tel_032 " vIrapAMdya_NN kattaboVmmana_NN ,_SYM mAruwus_NN ,_SYM puliwevan_NN vaMti_RP koVMxaru_NN pAIeVgAlYlu_NN britiR_NN IstiMdiyA_NN kaMpeVnIni_NN eVxiriMci_NN vIrociwaMgA_NN porAdAru_NN ._SYM "
tel_033 " britiR_NN rAjyaM_NN kAlaMlo_NN viSAlamEna_NN maxrAsu_NNP preVsideVnsIlo_NN ippati_NST wamilYanAduwobAtu_NN AMXra_NNP ,_SYM karNAtaka_NNP ,_SYM keralYalaloni_NN koVnni_QF BAgAlu_NN kalisivuMdevi_NN ._SYM "
tel_034 " BARA_NN prAwipaxikana_NN 1953_NN "lo_NN weVIugu_NN mAtlAde_VM prAMwAlanu_NN AMXra_NNP rARtraMgA_NN viBajiMcAru_NN ._SYM "
tel_035 " balYlAri_NN prAMwaM_NN mEsUru_NN rARtraMlo_NN kalupabadiMxi_NN ._SYM "
tel_036 " 1956_NN "lo_NN maxrAsu_NNP rARtraMloni_NN paScimaBAgAlu_NN koVnni_QF keralYa_NN ,_SYM mEsUru_NN rARtrAlalo_NN kalupabaddAyi_NN ._SYM "
tel_037 " 1968_NN "lo_NN maxrAsu_NNP rARtrAniki_NN "_SYM wamilYanAdu_NN "_SYM ani_UT peru_NN mArcAru_VM ._SYM "
tel_038 " wamilYa_NN BARa_NN ,_SYM saMskqwi_NNP wamilYanAdu_NN rAjakIyAlalo_NN ippatikI_NST praXAnamEna_JJ aMSAlu_NNS ._SYM "
tel_039 " loksaBa_NN niyojaka_NN vargAlu_NN 39_NN "_SYM ._SYM "
tel_040 " aseVMblI_NN niyojaka_NN vargAlu_NN 234_NN "_SYM ._SYM "
tel_041 " 1967_NN "lo_NN prAMwIya_NN pArtIlu_NN wamilYanAdu_NN rAjakIyAlalo_NN pramuKa_JJ sWAnAnni_NN vahiswunnAyi_NN ._SYM "
tel_042 " 1916_NN "lo_NN erpadina_NN xakRiNa_NN BArawa_NNP saMkRema_NN saMGaM_NN kramaMgA_RB '_SYM jastis_NN pArtI_NN avawariMciMxi_NN ._SYM "
tel_043 " ixi_PRP rAjakIya_NN pArtI_NN kAxu_NEG ._SYM "
tel_044 " appati_NST nAyakulu_NN annAxurE_NN ,_SYM peVriyArla_NN maXya_NST viBexAla_NN kAraNaMgA_NN I_DEM pArtI_NN reVMdugA_NN clIiMxi_NN ._SYM "
tel_045 " annAxurE_NN nAyakawvaMlo_NN '_SYM xravida_NN munnetra_NN kajagaM_NN '_SYM pArtI_NN 1956_NN "_SYM eVnnikalaloki_NN xigiMxi_NN ._SYM "
tel_046 " 1960_NN "_SYM xaSakaMlo_NN jarigina_VM hiMxI_NN vyawireka_NN AMxolYana_NN samayaMlo_NN di._NN yam_NN ._SYM keV_NN balaM_NN puMjukuMxi_NN ._SYM "
tel_047 " 1967_NN "lo_NN kAMgresunu_NN ciwwugA_NN odiMci_NN aXikAraM_NN kEvasaM_NN cesukuMxi_NN ._SYM "
tel_048 " 1969_NN "lo_NN annAxurE_NN maraNiMcadaMwo_NN muKyamaMwri_NN ayyAdu_VM ._SYM "
tel_049 " 1977_NN "nuMci_NN 1987_NN "xAkA_NN eVm._NN ji._NN Ar._NN muKyamaMwrigA_NN unnAdu_VM ._SYM "
tel_050 " 1987_NN "lo_NN eVm._NN ji._NN Ar._NN maraNAnaMwaraMwo_NN pArtIlo_NN saMkRoBaM_NN erpadiMxi_VM ._SYM "
tel_051 " jayalaliwa_NN nAyakawvaMlo_NN eV.V.F.di.eVm.keV._NN sWirapadiMxi_NN ._SYM "
tel_052 " SrI_NNP laMkaloni_NN wamilYula_NN samasya_NN wamilYanAdu_NN rAjakIyAlapE_NN gaNanIyamEna_NN praBAvaM_NN kaligiuMxi_NN ._SYM "
tel_053 " boVMbAyi_NN (bAIIvud)_NN waruvAwa_RB ceVnnE_NNP BArawaxeSaMlo_NNP sinimA_NN raMgAniki_NN muKyamEna_JJ nilayaM_NN ._SYM "
tel_054 " sinimA_NN raMgAniki_NN saMbaMXiMcina_VM saxupAyAlu_NN eVkkuvagA_JJ '_SYM kodaMbAkaM_NN '_SYM prAMwaMlo_NN unnaMxuna_NN wamilYanAdu_NN sinimA_NN raMgAnni_NN '_SYM koIIvud_NN '_SYM ani_UT camawkariswAru_NN ._SYM "
tel_055 " oVkappudu_NST nAlugu_QC xakRiNa_NN BArawa_NNP BARalakU_NN maxrAse_NN praXAna_JJ sinimA_NN pariSrama_NN keMxraM_NN ._SYM "

tel_056 " ippudu_NST wakkina_NN rARtrAlalo_NN ciwra_NN pariSrama_NN vqxXi_NN ceVMxinaMxuvalla_NN '_SYM ceVnnE_NNP '_SYM prAmuKyawa_NN kAswa_NN palacabadiMxi_NN ._SYM "
tel_057 " ika_RP wamilYanAdu_NN rAjakIyAlalo_NN sinimA_NN praBAvaM_NN prapaMcaMlo_NN mari_RP eVkkada_NN lenaMwa_NN prabalaM_NN ._SYM "
tel_058 " xAxApu_RB sinIpariSrama_NN ,_SYM rAjakIya_NN raMgaM_NN kalagalipi_NN uMtunnAyi_NN ._SYM "
tel_059 " BArawa_NNP xeSaM_NN ArWika_NN vyavasWalo_NN wamilYanAdu_NN mUdava_JJ sWAnaM_NN AkramiswuMxi_NN ._SYM "
tel_060 " pAriSrAmikaM_NN gAnU_NN ,_SYM vyApAra_NN paraMgAnU_NN wamilYanAdu_NN bahumuKaMgA_NN aBivqxXi_NN ceVMxiMxi_VM ._SYM "
tel_061 " vaswrAlaku_NN saMbaMXiMcina_VM vyavasAyowpawwulu_NN ,_SYM yaMwrAlu_NN ,_SYM mudisarukulu_NN ,_SYM vaswrAla_NN karmAgArAlu_NN ,_SYM cenewa_NN kArmikulu_NN wamilYanAdu_NN ArWikA_NN raMgaMlo_NN muKyamEna_JJ vanarulu_NN ._SYM "
tel_062 " oVkka_JJ wirupUr_NN pattaNaMnuMde_NN 2004_NN "lo_NN 5_NN "_SYM vela_QC kotla_NN viluvEna_NN vaswrAlu_NN vixeSAlaku_NN eVgumawi_NN ayyAyi_NN ._SYM "
tel_063 " ikkada_NST 7_NN ",000_NN "_SYM xuswula_NN pariSramalu_NN 10_NN "_SYM lakRala_NN kArmikulaku_NN upAXi_NN kalpiswuMxi_NN ._SYM "
tel_064 " ceVnnE_NNP cuttuprakkala_NN iMjinIriMg_NN uwpawwula_NN pariSramalu_NN iwoXikaMgA_NN unnAyi_VM ._SYM "
tel_065 " SivakASi_NN pattaNaM_NN muxraNa_NN ,_SYM bANasaMcA_NN ,_SYM aggipeVtteVla_NN pariSramalaku_NN BArawaxeSaMlo_NNP agragAmi_NN ._SYM "
tel_066 " I_DEM -_SYM paripAlana_NN praBuwva_NN sevalanu_NN kaMpyUtarIkariMcadaMlo_NN wamilYanAdu_NN agragAmi_NN ._SYM "
tel_067 " iMkA_INTF ceVnnE_NNP vExya_NNP pariSoXana_NNP ,_SYM vixyA_NNP keMxraMgA_NNP aBivqxXi_NNP ceVMxuwuMxi_NNP ._SYM "
tel_068 " muKyaMgA_NN prAWamika_NN vixyaku_NN praBuwva_NN XanaM_NN bAgA_JJ viniyogiMpabaduwU_NN uMxi_VM ._SYM "
tel_069 " '_SYM badi_NN pillalaku_NN maXyAhna_NN BojanaM_NN '_SYM ane_UT paWakaM_NN wamilYanAdulone_NN prAraMBaM_NN EMxi_NN ._SYM "
tel_070 " ika_RP sAmAjika_NN aMSAlalo_NN veVnukabAtuwanaM_NN koVnni_QF viRayAlalo_NN koVttavaccinatlu_NN kanipiswuMxi_VM ._SYM "
tel_071 " ninna_NN mAtlAdina_NN rAmArAvu_NNP nA_PRP snehiwudu_NN ._SYM "
tel_072 " UriniMci_NN oVccina_NN nalYini_NN mA_PRP ceVlleVlu_NN ._SYM "
tel_073 " ninna_NN pArkulo_NN kanipiMcina_NN dAkatarugAru_NN cAlA_INTF peVxxamaniRi_NN ._SYM "
tel_074 " pani_NN cesina_VM rAmmUrwi_NN maMcivAdu_NN ._SYM "
tel_075 " rAmmUrwi_NN cesina_VM pani_NN bAgA_JJ lexu_VM ._SYM "
tel_076 " pAta_NN pAdina_NN saroja_NN mARtArugAri_NN ammAyi_NN ._SYM "
tel_077 " saroja_NN pAdina_NN pAta_NN cAlA_INTF bAguMxi_VM ._SYM "
tel_078 " kAru_NN koVnna_NN proVPeVsarugAru_NN jarmanI_NNP veVlYIAru_NN ._SYM "
tel_079 " proVPeVsarugAru_NN koVnna_NN kAru_NN koVvwaxi_NN ._SYM "
tel_080 " uwwaraM_NN rAsina_VM nA_PRP snehiwudu_NN guMtUrulo_NN unnAdu_VM ._SYM "
tel_081 " nA_PRP snehiwudu_NN rAsina_VM uwwaraM_NN ceriMxi_VM ._SYM "
tel_082 " SaMkarayya_NN wAguwAdu_NN ._SYM "
tel_083 " wAge_NN SaMkarayya_NN ._SYM "
tel_084 " SaMkarayya_NN rojU_NN wAguwAdu_NN ._SYM "
tel_085 " rojU_NN wAge_NN SaMkarayya_NN ._SYM "
tel_086 " prawi_JJ saMvawsaraM_NN eVnnikalu_NN jaruguwAy_NN ._SYM "
tel_087 " jarige_VM eVnnikalu_NN ._SYM "
tel_088 " eVnnikalu_NN malYII_RB jaruguwAy_NN ._SYM "
tel_089 " malYII_RB jarige_VM eVnnikalu_NN ._SYM "
tel_090 " ammAyi_NN eduswuMxi_NN ._SYM "
tel_091 " edice_NN ammAyi_NN mA_PRP ammAyi_NN ._SYM "
tel_092 " ammAyi_NN eVppudU_WQ eduswuMxi_NN ._SYM "
tel_093 " eVppudU_WQ edice_NN ammAyi_NN mA_PRP ammAyi_NN ._SYM "
tel_094 " kamala_NN kaXalu_NN rAswuMxi_NN ._SYM "
tel_095 " kaXalu_NN rAse_VM kamala_NN mA_PRP ammAyi_NN ._SYM "
tel_096 " kamala_NN rAse_VM kaXalu_NN maMcivi_NN ._SYM "
tel_097 " devid_NN maMxulu_NN ammuwAdu_NN ._SYM "
tel_098 " maMxulu_NN amme_NN devid_NN mA_PRP wammudu_NN ._SYM "
tel_099 " devid_NN amme_NN maMxulu_NN maMcivi_NN ._SYM "
tel_100 " pillalu_NN Atalu_NN AdawAru_NN ._SYM "

Model - 2

Hindi

hin_001 " ise_PRP navAba_NN SAhajehana_PSP ne_PSP banavAyA_NN WA_VM ._SYM "
hin_002 " isakA_PRP praveSa_NN xvAra_PSP xo_QC maMjilA_NN hE_VM ._SYM "
hin_003 " pUrl_JJ imArawa_NN behaxa_INTF KUbasUrawa_JJ hE_VM ._SYM "
hin_004 " yaha_DEM hiMxU_NN Ora_CC mugala_JJ kalA_NN kA_PSP axBuwa_NN saMgama_JJ hE_VM ._SYM "
hin_005 " yaha_DEM BArawa_NNP kI_PSP anUTI_NN rARtrIya_JJ saMsWA_NN hE_VM ._SYM "
hin_006 " ise_PRP cArlsa_NN koriyA_PSP ne_PSP dijAina_NN kiyA_VM hE_VAUX ._SYM "
hin_007 " saMgrahAlaya_NN somavAra_NNP ko_PSP baMxa_NN rahawA_VM hE_VAUX ._SYM "
hin_008 " yaha_DEM arerA_NN hilsa_PSP para_PSP sWiwa_JJ hE_VM ._SYM "
hin_009 " yaha_DEM 445_NN "_SYM hEkteyara_NN meM_PSP PElA_DEM hE_DEM ._SYM "
hin_010 " kEse_NN pahuzce_PSP ?_SYM "
hin_011 " BopAla_JJ ,_SYM xillI_NNP -_SYM maxrAsa_NNP mena_PSP lAina_NN para_PSP hE_VM ._SYM "
hin_012 " kaba_NN jAez_PSP ?_SYM "
hin_013 " varRa_NN meM_PSP kaBI_PRP BI_RP Apa_PRP yahAz_PRP jA_VM sakawe_VAUX hEM_VAUX ._SYM "
hin_014 " jinameM_NN rAjA_NN bIra_PSP siMha_NNP jUxeva_PSP kA_PSP nAma_NN pramuKa_JJ hE_VM ._SYM "
hin_015 " Upara_NST kI_PSP ora_NST SAnaxAra_VM CawariyAz_VAUX isakI_PRP SoBA_NN baDZAwI_PSP hEM_VM ._SYM "
hin_016 " yahAz_PRP ke_PSP KUbasUrawa_NN swaMBa_NN mana_NN moha_VM lewe_VAUX hEM_VAUX ._SYM "
hin_017 " yaha_DEM aPagAnI_NN kalA_NN kA_PSP bejodZa_NN uxAharaNa_NN hE_VM ._SYM "
hin_018 " kEse_NN jAez_PSP "
hin_019 " kaba_NN jAez_PSP ,_SYM "
hin_020 " isa_DEM samaya_NN yahAz_PRP paryatakoM_NN kA_PSP melA_NN lagA_VM rahawA_VAUX hE_VAUX ._SYM "
hin_021 " yahAz_PRP Ama_JJ paryataka_NN ko_PSP praveSa_NN nahIM_NEG milawA_VM ._SYM "
hin_022 " raNaWamBOra_NN kilA_WQ jayapura_VM se_PSP karIba_RB 200_NN "_SYM ki.mI._NN xUra_PSP hE_VM ._SYM "
hin_023 " jaMgala_NN meM_PSP vana_NN viBAga_PSP kI_PSP karIba_RB panxraha_NN cOkiyAz_PSP hEM_VM ._SYM "
hin_024 " yahAz_PRP eka_QC waraPa_NST barPa_VM ke_PSP suMxara_JJ gleSiyara_NN hEM_VM ._SYM "
hin_025 " isa_DEM saPara_NN kI_PSP SurUAwa_NN karawe_VM hEM_VAUX iMtaralekana_VAUX osta_VAUX se_PSP ._SYM "
hin_026 " binA_NN cUke_PSP usakA_PRP tikata_NN le_VM lIjie_VAUX ._SYM "
hin_027 " skOYtalEMda_NN KUbasUrawa_PSP kAsalsa_NN (_SYM kiloM_NN)_SYM kA_PSP xeSa_NN hE_VM ._SYM "
hin_028 " GumakkadZa_NN logoM_NN ke_PSP lie_PSP yaha_DEM svarga_NN se_PSP baDZakara_NN hE_VM ._SYM "
hin_029 " lekina_NN yahAz_PRP kA_PSP apanA_PRP maMwrImaMdala_NN hE_VM ._SYM "
hin_030 " garmiyoM_NN meM_PSP yahAz_PRP kA_PSP mOsama_NN behaxa_INTF suhAvanA_JJ howA_VM hE_VAUX ._SYM "
hin_031 " piswro_NN yahAz_PRP kI_PSP BARA_NN meM_PSP reswrAM_NN ko_PSP kahawe_VM hEM_VAUX ._SYM "
hin_032 " Ora_CC Apa_PRP perisa_NN kI_PSP KUbasUrawl_NN kA_PSP nayA_JJ rUpa_NN xeKeMge_PSP ._SYM "
hin_033 " vEse_PRP wo_RP perisa_VM myUjiyamoM_VAUX kI_PSP BI_RP rAjaXAnI_NN hE_VM ._SYM "
hin_034 " lekina_NN myUjiyama_PSP dI_NN lavlsa_PSP inameM_PRP nAyAba_NN ._SYM "
hin_035 " puloM_NN para_PSP kI_VM gaI_VAUX kArIgarI_VAUX xeKawe_VM hI_RP banawI_VM hE_VAUX ._SYM "
hin_036 " lekina_NN jannawa_PSP kI_PSP sEra_NN meM_PSP iwanA_QF hI_RP nahIM_NEG ._SYM "
hin_037 " yahAz_PRP kA_PSP rOYka_NN myUjika_PSP kAPI_QF lokapriya_JJ hE_VM ._SYM "
hin_038 " PloridA_NN meM_PSP bAra_RP -_SYM bAra_RP wUPAna_VM Awe_VM hEM_VAUX ._SYM "
hin_039 " bildiMga_NN ko_PSP pUrl_JJ waraha_NN ultA_PSP banAyA_VM gayA_VAUX hE_VAUX ._SYM "
hin_040 " isakI_PRP Cawa_NN nIce_NST Ora_INTF nIMva_JJ Upara_NST hE_VM ._SYM "
hin_041 " bildiMga_NN ke_PSP aMxara_NN Apake_PRP lie_PSP kAPI_INTF kuCa_QF hE_VM ._SYM "
hin_042 " yaha_DEM Pilma_NN Ora_CC tIvI_NN sIriyala_PSP besa_NN WIma_PSP pArka_NN hE_VM ._SYM "
hin_043 " yahAz_PRP sArI_QF PilmeM_NN iMtarektiva_PSP sekSana_NN meM_PSP raKI_NN gaI_DEM hEM_DEM ._SYM "
hin_044 " yahAz_PRP kaI_QF Pana_NN pEkda_PSP vOYtara_NN rAidsa_PSP hEM_VM ._SYM "
hin_045 " samara_JJ yahAz_PRP kA_PSP pIka_NN mOsama_NN hE_VM ._SYM "
hin_046 " kahAz_NN Tahare_PSP -_SYM "
hin_047 " pIka_NN deja_PSP meM_PSP bukiMga_NN kAPI_QF mazhagI_NN ho_VM jAwI_VAUX hE_VAUX ._SYM "
hin_048 " yaha_DEM nIxaralEMda_NN kI_PSP rAjaXAnI_NN hE_VM ._SYM "
hin_049 " yaha_DEM xuniyA_NN ke_PSP sabase_INTF raMgIna_JJ SaharoM_NN meM_PSP SumAra_NN hE_VM ._SYM "
hin_050 " yaha_DEM Sahara_NN kaI_QF KUbasUrawa_NN naharoM_PSP se_PSP judZA_VM hE_VAUX ._SYM "
hin_051 " yahAz_PRP kI_PSP KUbasUrawI_NN Ora_CC hariyAlI_NN xeKawe_VM hI_RP banawI_VM hE_VAUX ._SYM "
hin_052 " emstardama_NN ke_PSP xakRiNa_NN meM_PSP prasixXa_JJ redalAita_NN ilAkA_PSP hE_VM ._SYM "
hin_053 " yahAz_PRP seksa_NN varkiMga_PSP ko_PSP vyavasAya_NN kA_PSP xarjA_NN prApwa_JJ hE_VM ._SYM "
hin_054 " yahAz_PRP aneka_QF myUjiyama_NN hEM_VM ._SYM "
hin_055 " inameM_PRP se_PSP merItAima_NN myUjiyama_PSP kAPI_QF prasixGa_NN hE_VM ._SYM "
hin_056 " ise_PRP hOYIEMda_NN kA_PSP gArdana_NN kahA_VM jAwA_VAUX hE_VAUX ._SYM "
hin_057 " Aja_NN kile_PSP kA_PSP BagnAvaSeRa_NN svarUpa_PSP hI_RP SeRa_VM hE_VAUX ._SYM "
hin_058 " yahAz_PRP kA_PSP sabase_INTF najaxIkI_JJ eyaraporta_NN jabalapura_PSP hE_VM ._SYM "
hin_059 " kahAz_NN Tahare_PSP ?_SYM "
hin_060 " yaha_DEM kilA_NN rAjapUwI_PSP sWApawya_NN kalA_NN kA_PSP bejodZa_NN namUnA_PSP hE_VM ._SYM "
hin_061 " jEsalamera_NN meM_PSP EsI_DEM kaI_QF haveliyAz_NN hEM_VM ._SYM "
hin_062 " jahAz_PRP sone_NN sI_RP camakawI_VM hE_VAUX rewa..._VAUX "
hin_063 " yahAz_PRP Apa_PRP botiMga_NN kA_PSP luwPa_NN BI_RP uTA_VM sakawe_VAUX hEM_VAUX ._SYM "

hin_064 " yahAz_PRP kA_PSP nEsargika_NN sOMxarya_NN Apako_PRP aBiBUwa_NN kara_VM xegA_VAUX ._SYM "
hin_065 " yaha_PRP eka_QC nijI_NN saMgrahAlaya_NN hE_VM ._SYM "
hin_066 " yahAz_PRP hEMdIkrAPta_NN kI_PSP amUlya_NN XarohareM_PSP saMgqhiwa_NN hEM_VM ._SYM "
hin_067 " yaha_DEM jagaha_NN kaBI_PRP jEsalamera_NN kI_PSP rAjaXAnI_NN huA_VM karawI_VAUX WI_VAUX ._SYM "
hin_068 " isake_PRP pAsa_NST hI_RP viSAla_JJ bAzXa_NN hE_VM ._SYM "
hin_069 " yaha_DEM pUrA_JJ ilAkA_NN nEsargika_PSP sOMxarya_NN se_PSP paripUrNa_NN hE_VM ._SYM "
hin_070 " mugaloM_NN kA_PSP yaha_PRP sabase_INTF pasaMxIxA_JJ Sahara_NN rahA_VM hE_VAUX ._SYM "
hin_071 " iwihAsa_NN BI_RP kuCa_QF kahawA_VM hE_VAUX -_SYM "
hin_072 " SukravAra_NN ke_PSP xina_NN isakA_PRP muKya_JJ xvAra_NN baMxa_PSP rahawA_VM hE_VAUX ._SYM "
hin_073 " isakA_PRP nirmANa_NN 1565_PSP "_SYM I._PSP meM_PSP akabara_NN ne_PSP karavAyA_NN WA_VM ._SYM "
hin_074 " sAzcI_NN ,_SYM JAzsI_NN -_SYM itArasI_NN relamArga_PSP para_PSP sWiwa_JJ hE_VM ._SYM "
hin_075 " BopAla_JJ se_DEM sAzcI_DEM kI_DEM xUrI_DEM mAwra_DEM 46_DEM "_SYM kimI_DEM hE_DEM ._SYM "
hin_076 " BopAla_JJ se_DEM tEksiyAz_DEM Ora_DEM baseM_DEM upalabXa_DEM hEM_DEM ._SYM "
hin_077 " kahAz_NN TahareM_PSP ?_SYM "
hin_078 " sAzcI_NN meM_PSP Taharane_NN ke_PSP lie_PSP aneka_QF suviXAez_NN hEM_VM ._SYM "
hin_079 " nakalI_NN gAidoM_PSP Ora_CC xalAloM_NN se_PSP sAvaXAna_NN raheM_PSP ._SYM "
hin_080 " ina_DEM paryatakoM_NN meM_PSP kuCa_QF sirPa_RB GUmane_NN Awe_VM hEM_VAUX ._SYM "
hin_081 " ciwwOdZa_NN kA_PSP kilA_NN eka_QC pahAdZI_NN para_PSP sWiwa_JJ hE_VM ._SYM "
hin_082 " yahAz_PRP eka_QC CotA_JJ -_SYM sA_RP rahavAsI_VM mohallA_VAUX BI_RP hE_VM ._SYM "
hin_083 " isa_DEM nO_QC maMjilA_NN swaMBa_PSP meM_PSP lagaBaga_RB 157_NN "_SYM sIDiyAz_NN hEM_VM ._SYM "
hin_084 " nOvIM_NN maMjila_PSP para_PSP KUbasUrawa_NN JaroKe_PSP hEM_VM ._SYM "
hin_085 " yaha_DEM swaMBa_NN praWama_QO jEna_NN wIrWaMkara_PSP AxinAWajI_NN ko_PSP samarpiwa_NN hE_VM
._SYM "
hin_086 " vAswava_NN meM_PSP yaha_DEM maMxira_XC BagavAna_NN SrIkqRNa_PSP kA_PSP hE_VM ._SYM "
hin_087 " kile_NN meM_PSP gOmuKa_NN nAmaka_JJ eka_QC wAla_NN hE_VM ._SYM "
hin_088 " isalie_CC wAlAba_NN ko_PSP gOmuKa_NN nAma_NN xiyA_VM gayA_VAUX hE_VAUX ._SYM "
hin_089 " PilahAla_NN yahAz_PRP havAI_XC addA_NN nahIM_NEG hE_VM ._SYM "
hin_090 " isa_PRP xOrAna_NST yahAz_PRP kA_PSP mOsama_NN bahuwa_QF acCA_NN howA_VM hE_VAUX ._SYM "
hin_091 " ciwwOdZa_NN eka_QC CotA_JJ ,_SYM SAMwa_JJ Ora_CC saswA_NN Sahara_NN hE_VM ._SYM "
hin_092 " ise_PRP '_SYM arorA_PSP borelisa_NN '_SYM kahawe_VM hEM_VAUX ._SYM "
hin_093 " yaha_DEM gAzva_NN saMsAra_NN kA_PSP sabase_INTF uwwarI_JJ gAzva_NN hE_VM ._SYM "
hin_094 " agale_NN xina_NN hama_PRP loga_NN trAmso_PSP pahuzce_NN ._SYM "
hin_095 " Arkatika_NN sarkala_PSP eka_QC kAlpanika_JJ reKA_NN hE_VM ._SYM "
hin_096 " agale_NN xina_NN hama_PRP loga_NN oldena_PSP pahuzce_NN ._SYM "
hin_097 " briksadalena_NN gleSiyara_PSP lAKoM_NN sAla_NN purAnA_JJ hE_VM ._SYM "
hin_098 " jostedalsabrIna_NN gleSiyara_PSP uwwarI_JJ yorapa_NN kA_PSP sabase_INTF badZA_JJ gleSiyara_NN hE_VM
._SYM "
hin_099 " yahAz_PRP gIwa_NN gAwe_PSP hEM_VM ,_SYM pawWara_VAUX BI..._VAUX ._SYM "
hin_100 " BArawIya_JJ sWApawya_NN kA_PSP bejoda_NN uxAharaNa_NN KajurAho_PSP ke_PSP pramuKa_JJ maMxira_NN
._SYM "

Telugu

tel_001 " xAxApu_RB anni_QF samayAlalonU_NN '_SYM koVMgunAdu_NN '_SYM oVka_JJ viSiRtamEna_NN svawaMwra_NN
prawipawwini_NN nilupukoVMxi_NN ._SYM "
tel_002 " vyavasAya_NN praXAnamEna_JJ I_NNP prAMwAlalo_NNP ippatikI_NNP sAMskqwika_NNP vilakRaNawa_NNP
kanipiswuMxi_NNP ._SYM "
tel_003 " krI_NN ._SYM pU._NN 6_NN "va_NN SawAbxaMlo_NN maxurE_NN ,_SYM wirunalveli_NN keMxraMgA_NN
kulaSeKarudu_NN sWApiMcina_NN pAMdyarAjyaM_NN varWilliMxi_NN ._SYM "
tel_004 " vAri_PRP kAlaMlo_NN grIsu_NN ,_SYM romulawo_NN vANijya_NN saMbaMXAlu_NN uMdevi_NN ._SYM "
tel_005 " waruvAwa_RB cera_NN malabAru_NN wIra_NN prAMwaMlo_NN rAjyaM_NN elAru_NN ._SYM "
tel_006 " ixi_PRP sEnikaMgA_NN balamEna_NN rAjyaM_NN ._SYM "
tel_007 " vAri_PRP kAlaMlo_NN roMwo_NN vANijyaM_NN mariMwa_QF aBivqxXiceVMxiMxi_NN ._SYM "
tel_008 " krI.Sa._NN 19_NN "_SYM va_NN SawAbxaM_NN ,_SYM 14_NN "_SYM va_NN SawAbxaMvaraku_NN colYarAjulu_NN
pAliMcAru_NN ._SYM "
tel_009 " karikAla_NN colYudu_NN vArilo_NN prasixXudu_NN ._SYM "
tel_010 " A_DEM kAlaMlone_NN kAveri_NN naxipE_NN Anakatta_NN kattAru_NN ._SYM "
tel_011 " ixi_PRP appati_NST sAMkewikawa_NN prajFaku_NN cihnaM_NN ._SYM "
tel_012 " 4_NN "_SYM va_NN SawAbxaMlo_NN xakRiNApaWaMaMwA_NN pallavula_NN aXInaMlo_NN uMxi_VM ._SYM "
tel_013 " maheMxra_NN varma_NN ,_SYM narasiMha_NNP varma_NN vIrilo_NN prasixXulu_NN ._SYM "
tel_014 " ixi_PRP xakRiNApaWaMlo_NN SilpAniki_NN svarNayugaM_NN ._SYM "
tel_015 " waruvAwa_RB awani_PRP kumArudu_NN rAjeMxracolYuni_NN nAyakawvaMlo_NN ,_SYM colYula_NN rAjyaM_NN
balaMgA_NN viswariMciMxi_VM ._SYM "
tel_016 " colYula_NN sAmrAjyaM_NN oVrissA_NNP ,_SYM beVMgAlu_NN ,_SYM bIhArulavaraku_NN viswariMciMxi_VM ._SYM "
tel_017 " wUrpu_NN cAlYukyulanu_NN ,_SYM cerarAjulanu_NN ,_SYM pAMdyarAjulanu_NN odiMcAru_NN ._SYM "

tel_018 " laMka_NN ,_SYM aMdamAn_NN -_SYM nikobAr_NN xIvulu_NN ,_SYM lakRa_NN xvIpAlu_NN ,_SYM sumawrA_NN ,_SYM jAvA_NN ,_SYM malayA_NN ,_SYM peVgU_NN xvIpAlanu_NN colYarAjulu_NN wama_PRP aXInaMloki_NN weVccukoVnnAru_NN ._SYM "

tel_019 " 13_NN "_SYM va_NN SawAbxaMlo_NN colYula_NN pAlana_NN aswamiMciMxi_NN ._SYM "

tel_020 " 14_NN "_SYM va_NN SawAbxaMlo_NN marala_NN moVxalEna_NN pAMdyarAjula_NN pAlana_NN uwwarAxinuMdi_NN '_SYM KiljI_NN '_SYM xaMdayAwralavalana_NN wvaralone_NN aMwariMciMxi_NN ._SYM "

tel_021 " waruvAwa_RB xakkan_NN prAMwaMlo_NN bahamanI_NN sulwAnula_NN rAjyaM_NN velYlUnukuMxi_NN ._SYM "

tel_022 " waxanaMwaraM_NN haMpi_NN keMxraMgA_NN vijayanagara_NNP sAmrAjyaM_NN xakRiNApaWaM_NN aMwA_QF nadaciMxi_NN ._SYM "

tel_023 " vAru_PRP nAyakar_NN ,_SYM nAyagan_NN nAyakula_NN sahAyaMwo_NN elubadi_NN sAgiMcaru_NN ._SYM "

tel_024 " 1564_NN "lo_NN walYlikota_NN yuxXaMwo_NN vijayanagarasAmrAjyaM_NN aMwariMciMxi_NN ._SYM "

tel_025 " wamilYanAta_NN cAIA_INTF prAMwAlu_NN svawaMwra_NN nAyakula_NN aXInaMlo_NN cinna_JJ cinna_JJ rAjyAlugA_NN unnAyi_VM ._SYM "

tel_026 " maxurE_NN ,_SYM waMjAvUru_NNP nAyakulu_NN goVppa_JJ AlayAlu_NN nirmiMpajeSAru_NN ._SYM "

tel_027 " ika_RP EropAvAri_NN yugaM_NN AraMBaM_NN EMxi_NN ._SYM "

tel_028 " 1609_NN "lo_NN daccivAru_NN pulikAtvaxxa_NN oVka_JJ sWAvarAnni_NN erpAtu_NN cesukoVnnAru_NN ._SYM "

tel_029 " 1639_NN "lo_NN britiR_NN IstiMdiyA_NN kaMpeVnIvAru_NN maxrAsulo_NNP sWAvaraM_NN neVlakoVlipAru_NN ._SYM "

tel_030 " sWAnika_NN nAyakula_NN maXya_NST wagavulu_NN britiRvAri_NN viswaraNaku_NN maMci_JJ avakASaM_NN iccAyi_NN ._SYM "

tel_031 " appatinuMdi_RB maxrAsu_NNP preVsideVnsI_NN rUpuxixxukuMxi_NN ._SYM "

tel_032 " vIrapAMdya_NN kattaboVmmana_NN ,_SYM mAruwus_NN ,_SYM puliwevan_NN vaMti_RP koVMxaru_NN pAleVgAlYlu_NN britiR_NN IstiMdiyA_NN kaMpeVnIni_NN eVxiriMci_NN vIrociwaMgA_NN porAdAru_NN ._SYM "

tel_033 " britiR_NN rAjyaM_NN kAlaMlo_NN viSAlamEna_NN maxrAsu_NNP preVsideVnsIlo_NN ippati_NST wamilYanAduwobAtu_NN AMXra_NNP ,_SYM karNAtaka_NNP ,_SYM keralYalaloni_NN koVnni_QF BAgAlu_NN kalisivuMdevi_NN ._SYM "

tel_034 " BARA_NN prAwipaxikana_NN 1953_NN "lo_NN weVlugu_NN mAtlAde_VM prAMwAlanu_NN AMXra_NNP rARtraMgA_NN viBajiMcAru_NN ._SYM "

tel_035 " balYlAri_NN prAMwaM_NN mEsUru_NN rARtraMlo_NN kalupabadiMxi_NN ._SYM "

tel_036 " 1956_NN "lo_NN maxrAsu_NNP rARtraMloni_NN paScimaBAgAlu_NN koVnni_QF keralYa_NN ,_SYM mEsUru_NN rARtrAlalo_NN kalupabaddAyi_NN ._SYM "

tel_037 " 1968_NN "lo_NN maxrAsu_NNP rARtrAniki_NN "_SYM wamilYanAdu_NN "_SYM ani_UT peru_NN mArcAru_VM ._SYM "

tel_038 " wamilYa_NN BARa_NN ,_SYM saMskqwi_NNP wamilYanAdu_NN rAjakIyAlalo_NN ippatikI_NST praXAnamEna_JJ aMSAlu_NNS ._SYM "

tel_039 " loksaBa_NN niyojaka_NN vargAlu_NN 39_NN "_SYM ._SYM "

tel_040 " aseVMblI_NN niyojaka_NN vargAlu_NN 234_NN "_SYM ._SYM "

tel_041 " 1967_NN "lo_NN prAMwIya_NN pArtIlu_NN wamilYanAdu_NN rAjakIyAlalo_NN pramuKa_JJ sWAnAnni_NN vahiswunnAyi_NN ._SYM "

tel_042 " 1916_NN "lo_NN erpadina_NN xakRiNa_NN BArawa_NNP saMkRema_NN saMGaM_NN kramaMgA_RB '_SYM jastis_NN pArtI_NN avawariMciMxi_NN ._SYM "

tel_043 " ixi_PRP rAjakIya_NN pArtI_NN kAxu_NEG ._SYM "

tel_044 " appati_NST nAyakulu_NN annAxurE_NN ,_SYM peVriyArla_NN maXya_NST viBexAla_NN kAraNaMgA_NN I_DEM pArtI_NN reVMdugA_NN clIiMxi_NN ._SYM "

tel_045 " annAxurE_NN nAyakawvaMlo_NN '_SYM xravida_NN munnetra_NN kajagaM_NN '_SYM pArtI_NN 1956_NN "_SYM eVnnikalaloki_NN xigiMxi_NN ._SYM "

tel_046 " 1960_NN "_SYM xaSakaMlo_NN jarigina_VM hiMxI_NN vyawireka_NN AMxolYana_NN samayaMlo_NN di._NN yam_NN ._SYM keV_NN balaM_NN puMjukuMxi_NN ._SYM "

tel_047 " 1967_NN "lo_NN kAMgresunu_NN ciwwugA_NN odiMci_NN aXikAraM_NN kEvasaM_NN cesukuMxi_NN ._SYM "

tel_048 " 1969_NN "lo_NN annAxurE_NN maraNiMcadaMwo_NN muKyamaMwri_NN ayyAdu_VM ._SYM "

tel_049 " 1977_NN "nuMci_NN 1987_NN "xAkA_NN eVm._NN ji._NN Ar._NN muKyamaMwrigA_NN unnAdu_VM ._SYM "

tel_050 " 1987_NN "lo_NN eVm._NN ji._NN Ar._NN maraNAnaMwaraMwo_NN pArtIlo_NN saMkRoBaM_NN erpadiMxi_VM ._SYM "

tel_051 " jayalaliwa_NN nAyakawvaMlo_NN eV.E.F.di.eVm.keV._NN sWirapadiMxi_NN ._SYM "

tel_052 " SrI_NNP laMkaloni_NN wamilYula_NN samasya_NN wamilYanAdu_NN rAjakIyAlapE_NN gaNanIyamEna_NN praBAvaM_NN kaligiuMxi_NN ._SYM "

tel_053 " boVMbAyi_NN (bAlIvud)_NN waruvAwa_RB ceVnnE_NNP BArawaxeSaMlo_NNP sinimA_NN raMgAniki_NN muKyamEna_JJ nilayaM_NN ._SYM "

tel_054 " sinimA_NN raMgAniki_NN saMbaMXiMcina_VM saxupAyAlu_NN eVkkuvagA_JJ '_SYM kodaMbAkaM_NN '_SYM prAMwaMlo_NN unnaMxuna_NN wamilYanAdu_NN sinimA_NN raMgAnni_NN '_SYM kolIvud_NN '_SYM ani_UT camawkariswAru_NN ._SYM "

tel_055 " oVkappudu_NST nAlugu_QC xakRiNa_NN BArawa_NNP BARalakU_NN maxrAse_NN praXAna_JJ sinimA_NN pariSrama_NN keMxraM_NN ._SYM "

tel_056 " ippudu_NST wakkina_NN rARtrAlalo_NN ciwra_NN pariSrama_NN vqxXi_NN ceVMxinaMxuvalla_NN '_SYM ceVnnE_NNP '_SYM prAmuKyawa_NN kAswa_NN palacabadiMxi_NN ._SYM "

tel_057 " ika_RP wamilYanAdu_NN rAjakIyAlalo_NN sinimA_NN praBAvaM_NN prapaMcaMlo_NN mari_RP eVkkada_NN lenaMwa_NN prabalaM_NN ._SYM "

tel_058 " xAxApu_RB sinIpariSrama_NN ,_SYM rAjakIya_NN raMgaM_NN kalagalipi_NN uMtunnAyi_NN ._SYM "

tel_059 " BArawa_NNP xeSaM_NN ArWika_NN vyavasWalo_NN wamilYanAdu_NN mUdava_JJ sWAnaM_NN AkramiswuMxi_NN ._SYM "

tel_060 " pAriSrAmikaM_NN gAnU_NN ,_SYM vyApAra_NN paraMgAnU_NN wamilYanAdu_NN bahumuKaMgA_NN aBivqxXi_NN ceVMxiMxi_VM ._SYM "

tel_061 " vaswrAlaku_NN saMbaMXiMcina_VM vyavasAyowpawwulu_NN ,_SYM yaMwrAlu_NN ,_SYM mudisarukulu_NN ,_SYM vaswrAla_NN karmAgArAlu_NN ,_SYM cenewa_NN kArmikulu_NN wamilYanAdu_NN ArWikA_NN raMgaMlo_NN muKyamEna_JJ vanarulu_NN ._SYM "

tel_062 " oVkka_JJ wirupUr_NN pattaNaMnuMde_NN 2004_NN "lo_NN 5_NN "_SYM vela_QC kotla_NN viluvEna_NN vaswrAlu_NN vixeSAlaku_NN eVgumawi_NN ayyAyi_NN ._SYM "

tel_063 " ikkada_NST 7_NN ",000_NN "_SYM xuswula_NN pariSramalu_NN 10_NN "_SYM lakRala_NN kArmikulaku_NN upAXi_NN kalpiswuMxi_NN ._SYM "

tel_064 " ceVnnE_NNP cuttuprakkala_NN iMjinIriMg_NN uwpawwula_NN pariSramalu_NN iwoXikaMgA_NN unnAyi_VM ._SYM "

tel_065 " SivakASi_NN pattaNaM_NN muxraNa_NN ,_SYM bANasaMcA_NN ,_SYM aggipeVtteVla_NN pariSramalaku_NN BArawaxeSaMlo_NNP agragAmi_NN ._SYM "

tel_066 " I_DEM -_SYM paripAlana_NN praBuwva_NN sevalanu_NN kaMpyUtarIkariMcadaMlo_NN wamilYanAdu_NN agragAmi_NN ._SYM "

tel_067 " iMkA_INTF ceVnnE_NNP vExya_NNP pariSoXana_NNP ,_SYM vixyA_NNP keMxraMgA_NNP aBivqxXi_NNP ceVMxuwuMxi_NNP ._SYM "

tel_068 " muKyaMgA_NN prAWamika_NN vixyaku_NN praBuwva_NN XanaM_NN bAgA_JJ viniyogiMpabaduwU_NN uMxi_VM ._SYM "

tel_069 " '_SYM badi_NN pillalaku_NN maXyAhna_NN BojanaM_NN '_SYM ane_UT paWakaM_NN wamilYanAdulone_NN prAraMBaM_NN EMxi_NN ._SYM "

tel_070 " ika_RP sAmAjika_NN aMSAlalo_NN veVnukabAtuwanaM_NN koVnni_QF viRayAlalo_NN koVttavaccinatlu_NN kanipiswuMxi_VM ._SYM "

tel_071 " ninna_NN mAtlAdina_NN rAmArAvu_NNP nA_PRP snehiwudu_NN ._SYM "

tel_072 " UriniMci_NN oVccina_NN nalYini_NN mA_PRP ceVlleVlu_NN ._SYM "

tel_073 " ninna_NN pArkulo_NN kanipiMcina_NN dAkatarugAru_NN cAlA_INTF peVxxamaniRi_NN ._SYM "

tel_074 " pani_NN cesina_VM rAmmUrwi_NN maMcivAdu_NN ._SYM "

tel_075 " rAmmUrwi_NN cesina_VM pani_NN bAgA_JJ lexu_VM ._SYM "

tel_076 " pAta_NN pAdina_NN saroja_NN mARtArugAri_NN ammAyi_NN ._SYM "

tel_077 " saroja_NN pAdina_NN pAta_NN cAlA_INTF bAguMxi_VM ._SYM "

tel_078 " kAru_NN koVnna_NN proVPeVsarugAru_NN jarmanI_NNP veVlYlAru_NN ._SYM "

tel_079 " proVPeVsarugAru_NN koVnna_NN kAru_NN koVwwaxi_NN ._SYM "

tel_080 " uwwaraM_NN rAsina_VM nA_PRP snehiwudu_NN guMtUrulo_NN unnAdu_VM ._SYM "

tel_081 " nA_PRP snehiwudu_NN rAsina_VM uwwaraM_NN ceriMxi_VM ._SYM "

tel_082 " SaMkarayya_NN wAguwAdu_NN ._SYM "

tel_083 " wAge_NN SaMkarayya_NN ._SYM "

tel_084 " SaMkarayya_NN rojU_NN wAguwAdu_NN ._SYM "

tel_085 " rojU_NN wAge_NN SaMkarayya_NN ._SYM "

tel_086 " prawi_JJ saMvawsaraM_NN eVnnikalu_NN jaruguwAy_NN ._SYM "

tel_087 " jarige_VM eVnnikalu_NN ._SYM "

tel_088 " eVnnikalu_NN malYIl_RB jaruguwAy_NN ._SYM "

tel_089 " malYIl_RB jarige_VM eVnnikalu_NN ._SYM "

tel_090 " ammAyi_NN eduswuMxi_NN ._SYM "

tel_091 " edice_NN ammAyi_NN mA_PRP ammAyi_NN ._SYM "

tel_092 " ammAyi_NN eVppudU_WQ eduswuMxi_NN ._SYM "

tel_093 " eVppudU_WQ edice_NN ammAyi_NN mA_PRP ammAyi_NN ._SYM "

tel_094 " kamala_NN kaXalu_NN rAswuMxi_NN ._SYM "

tel_095 " kaXalu_NN rAse_VM kamala_NN mA_PRP ammAyi_NN ._SYM "

tel_096 " kamala_NN rAse_VM kaXalu_NN maMcivi_NN ._SYM "

tel_097 " devid_NN maMxulu_NN ammuwAdu_NN ._SYM "

tel_098 " maMxulu_NN amme_NN devid_NN mA_PRP wammudu_NN ._SYM "

tel_099 " devid_NN amme_NN maMxulu_NN maMcivi_NN ._SYM "

tel_100 " pillalu_NN Atalu_NN AdawAru_NN ._SYM "