

LINGUISTICS ASSIGNMENT 3

Distinctive Chart of Native Language (Hindi)

FOR CONSONANTS

	क	ख	ग	घ	ङ	च	छ	ज	झ	ञ	ट	ठ	ड
syllabic	-	-	-	-	-	-	-	-	-	-	-	-	-
consonant	+	+	+	+	+	+	+	+	+	+	+	+	+
sonorant	-	-	-	-	-	-	-	-	-	+	-	-	-
anterior	-	-	-	-	+	-	-	-	-	-	+	+	-
coronal	-	-	-	-	+	+	+	+	+	-/+	+	+	+
back	+	-	+	+	-	-	-	-	-	-	-	-	-
high	+	+	+	+	-	+	+	+	+	+	-	-	-
low	-	-	-	-	-	-	-	-	-	-	-	-	-
nasal	-	-	-	-	-	-	-	-	-	+	-	-	-
voice	-	-	+	+	+	-	-	-	-	+	-	-	+
cont	-	-	-	-	-	-	-	-	-	-	-	-	-
round	-	-	-	-	-	-	-	-	-	-	-	-	-
strident	-	-	-	-	-	+	+	+	+	-	-	-	-
lateral	-	+	-	-	-	-	-	-	-	-	-	-	-
aspiration	-	+	-	+	-	-	+	-	+	-	-	+	-

	ढ	ण	त	थ	द	ध	न	प	फ	ब	भ	म	य
syllabic	-	-	-	-	-	-	-	-	-	-	-	-	-
consonant	+	+	+	+	+	+	+	+	+	+	+	+	-
sonorant	-	+	-	-	-	-	+	-	-	-	-	+	+
anterior	-	-	+	+	+	+	+	+	+	+	+	+	-
coronal	+	-	+	+	+	+	+	-	-	-	-	-	-/+
back	-	+	-	-	-	-	-	-	-	-	-	-	-
high	-	+	-	-	-	-	-	-	-	-	-	-	+
low	-	-	-	-	-	-	-	-	-	-	-	-	-
nasal	-	+	-	-	-	-	+	-	-	-	-	+	-
voice	+	+	-	-	+	+	+	-	-	+	+	+	+
cont	-	-	-	-	-	-	-	-	-	-	-	-	+
round	-	-	-	-	-	-	-	-	-	-	-	-	-
strident	-	-	-	-	-	-	-	-	-	-	-	-	-
lateral	-	-	-	-	-	-	-	-	-	-	-	-	-
aspiration	+	-	-	+	-	+	-	-	+	-	+	-	-

	र	ल	व	श	ष	स	ह
syllabic	-	-	-	-	-	-	-
consonant	+	+	-	+	+	+	-
sonorant	+	+	+	-	-	-	-
anterior	+	+	-	-	-	+	-
coronal	+	+	-	+	+	+	-
back	-	-	+	-	-	-	+
high	-	-	+	+	+	-	-
low	-	-	-	-	-	-	-
nasal	-	-	-	-	-	-	-
voice	+	+	+	-	-	-	-
cont	+	+	+	+	+	+	-
round	-	-	+	-	-	-	-
strident	-	-	-	+	+	+	-
lateral	-	+	-	-	-	-	-
aspiration	-	-	-	-	-	-	+

[प] and [ब] differ in the feature [voice] as [प] is [-voice] and [ब] is [+voice]

[प] and [त] differ in the feature [coronal] as [प] is [-coronal] and [त] is [+coronal]

[ब] and [द] differ in the feature [coronal] as [ब] is [-coronal] and [द] is [+coronal]
 [त] and [द] differ in the feature [voice] as [त] is [-voice] and [द] is [+voice]
 [ट] and [ड] differ in the feature [voice] as [ट] is [-voice] and [ड] is [+voice]
 [ट] and [ग] differ in the feature [voice] as [ट] is [-voice] and [ग] is [+voice]
 [ड] and [क] differ in the feature [voice] as [ड] is [+voice] and [क] is [-voice]
 [क] and [ग] differ in the feature [voice] as [क] is [-voice] and [ग] is [+voice]
 [च] and [ज] differ in the feature [voice] as [च] is [-voice] and [ज] is [+voice]
 [फ] and [थ] differ in the feature [coronal] as [फ] is [-coronal] and [थ] is [+coronal]
 [थ] and [ध] differ in the feature [voice] as [थ] is [-voice] and [ध] is [+voice]
 [थ] and [श] differ in the feature [high] as [थ] is [-high] and [श] is [+high]
 [थ] and [छ] differ in the feature [high] as [थ] is [-high] and [छ] is [+high]
 [ध] and [झ] differ in the feature [high] as [ध] is [-high] and [झ] is [+high]
 [ठ] and [ढ] differ in the feature [voice] as [ठ] is [-voice] and [ढ] is [+voice]
 [ठ] and [घ] differ in the feature [voice] as [ठ] is [-voice] and [घ] is [+voice]
 [ढ] and [ख] differ in the feature [voice] as [ढ] is [+voice] and [ख] is [-voice]
 [श] and [झ] differ in the feature [voice] as [श] is [-voice] and [झ] is [+voice]
 [छ] and [झ] differ in the feature [voice] as [छ] is [-voice] and [झ] is [+voice]
 [ख] and [घ] differ in the feature [voice] as [ख] is [-voice] and [घ] is [+voice]
 [ल] and [र] differ in the feature [lateral] as [ल] is [+lateral] and [र] is [-lateral]

FOR VOWELS

	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ	औ	अं	अः
high	-	-	+	+	+	+	-	-	-	+	-	-
low	-	-	-	-	-	-	-	+	-	-	-	-
back	-	+	-	-	+	+	-	-	+	+	-	+
round	-	-	-	-	+	+	-	-	+	+	-	-
nasal	-	-	-	-	-	-	-	-	-	-	+	-
ATR	+	-	+	-	+	-	+	-	+	+	-	-

[अ] and [अः] differ in the feature: [back]. [अ] is -[back] and [अः] is +[back]
 [अ] and [अं] differ in the feature: [nasal]. [अ] is -[nasal] and [अं] is +[nasal]
 [ओ] and [औ] differ in the feature: [high]. [ओ] is -[high] and [औ] is +[high]
 [इ] and [ई] differ in the feature: [ATR]. [इ] is +[ATR] and [ई] is -[ATR]
 [इ] and [ए] differ in the feature: [high]. [इ] is +[high] and [ए] is -[high]
 [उ] and [ओ] differ in the feature: [high]. [उ] is +[high] and [ओ] is -[high]
 [उ] and [ऊ] differ in the feature: [ATR]. [उ] is +[ATR] and [ऊ] is -[ATR]