

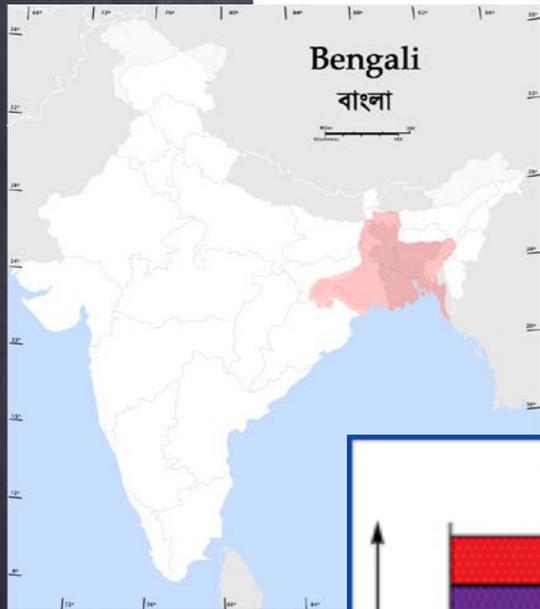
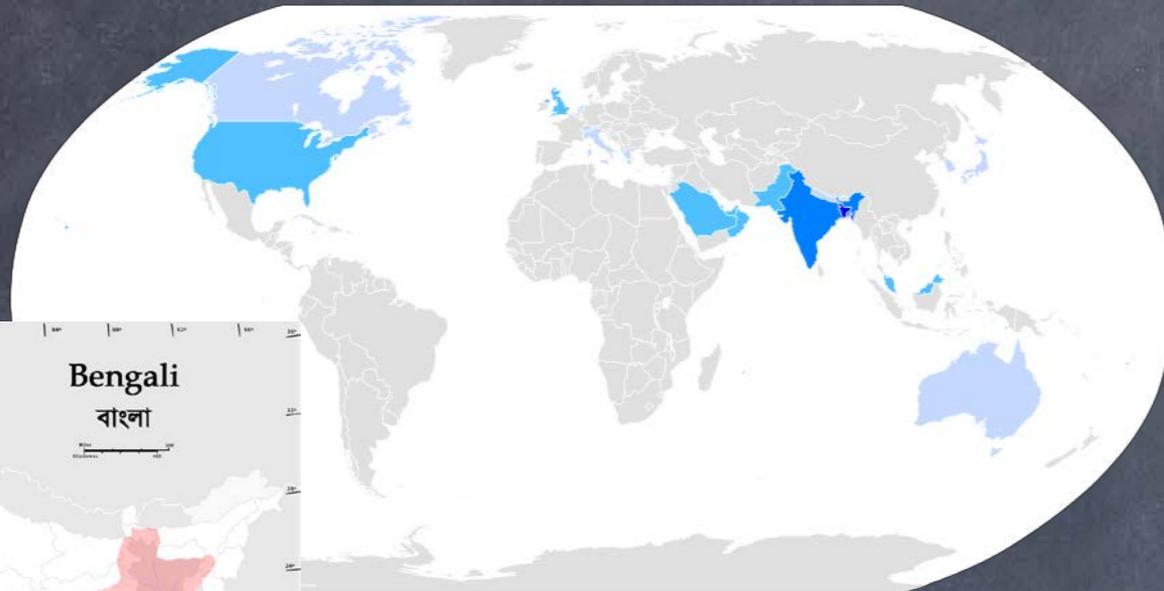
Bangla Language

বাংলা ভাষা

How widely it is spoken?



Where is it spoken?



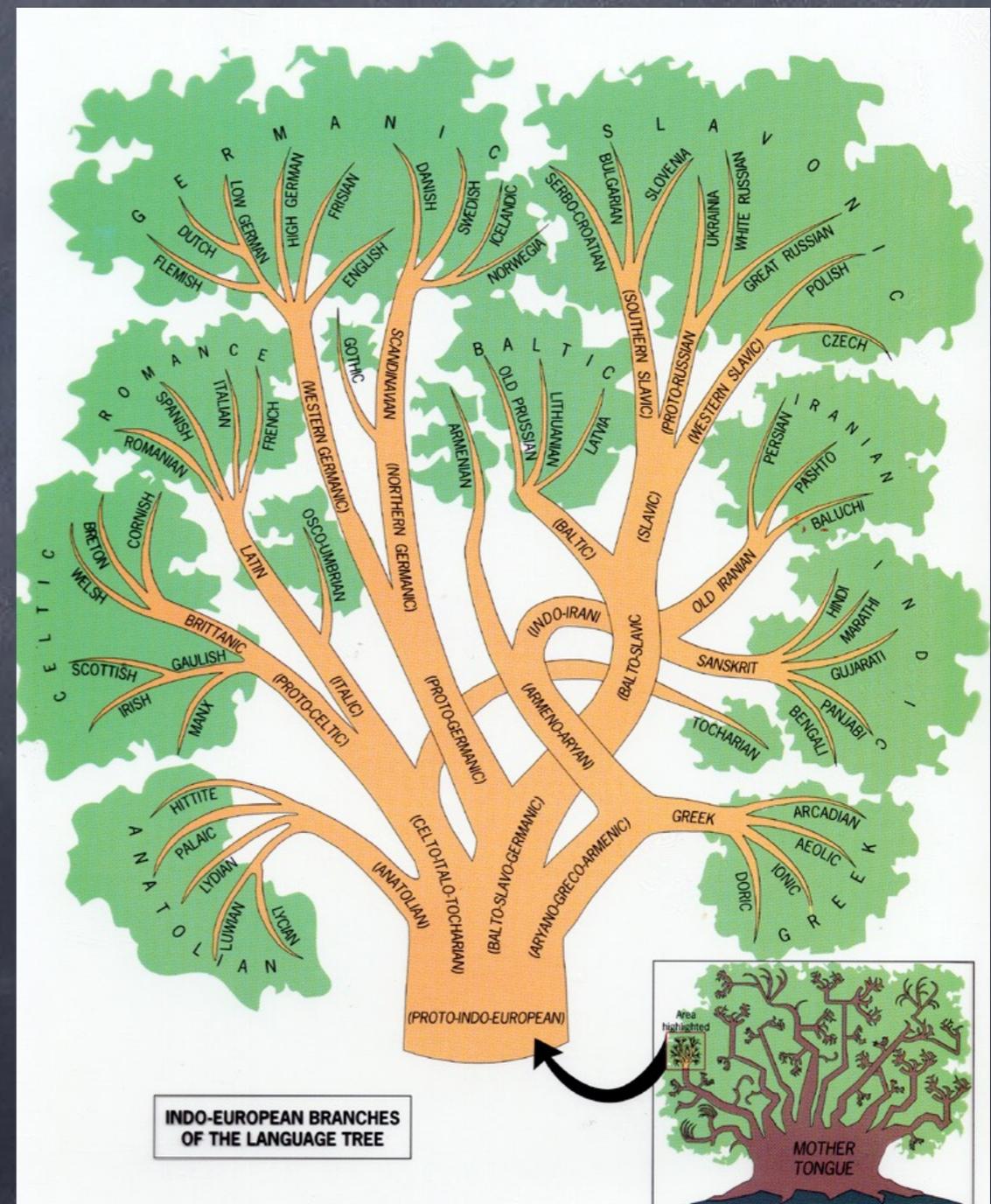
- National Language of Bangladesh
- One of the Official Languages of India
- Spoken widely in the US/Canada/UK/Australia/Pakistan/Middle East/Malaysia (because of bengali diaspora)
- Made an official language of Sierra Leone honoring Bangladeshi peacekeeping force
- 6th Most spoken language in the world (170 million speakers)

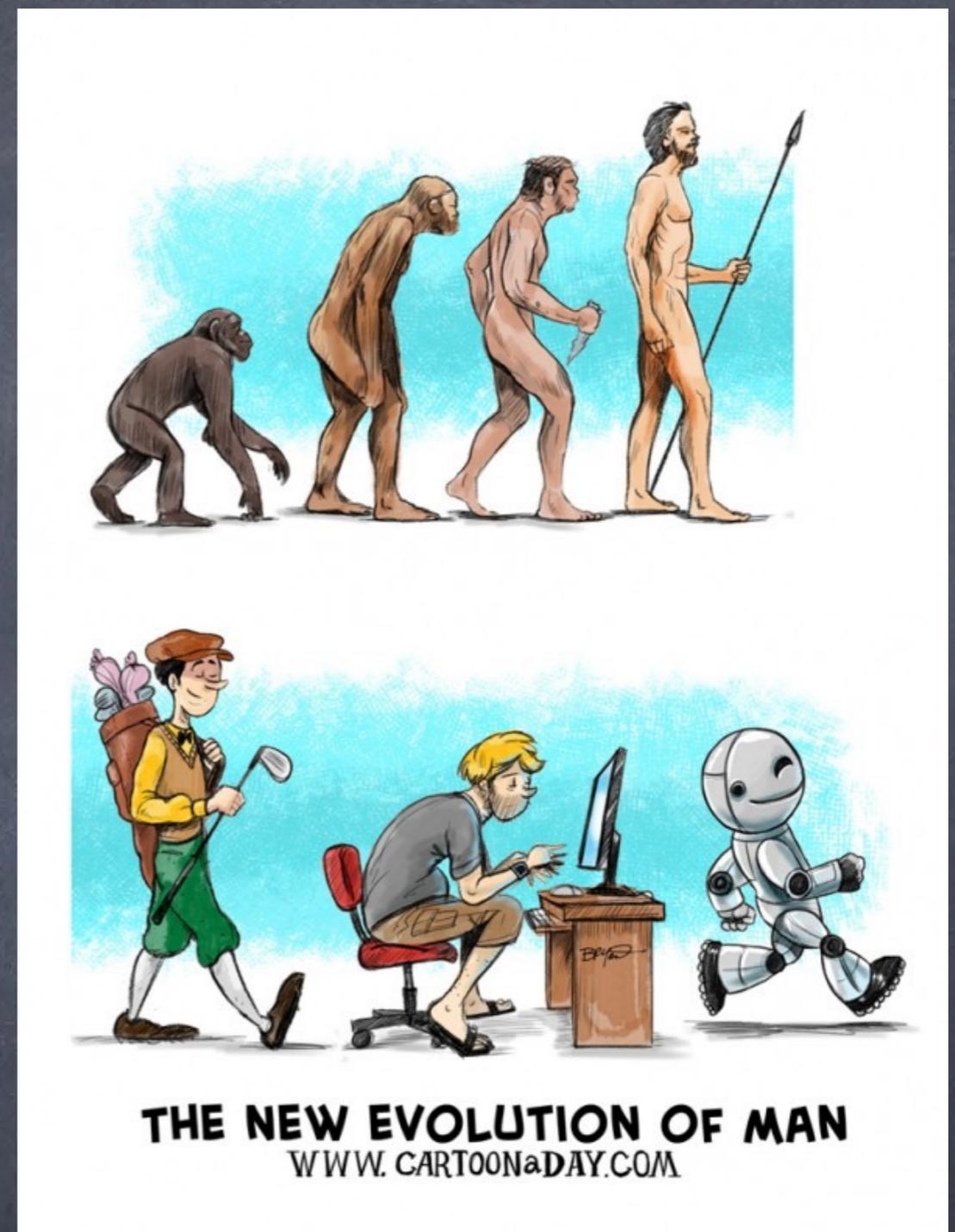
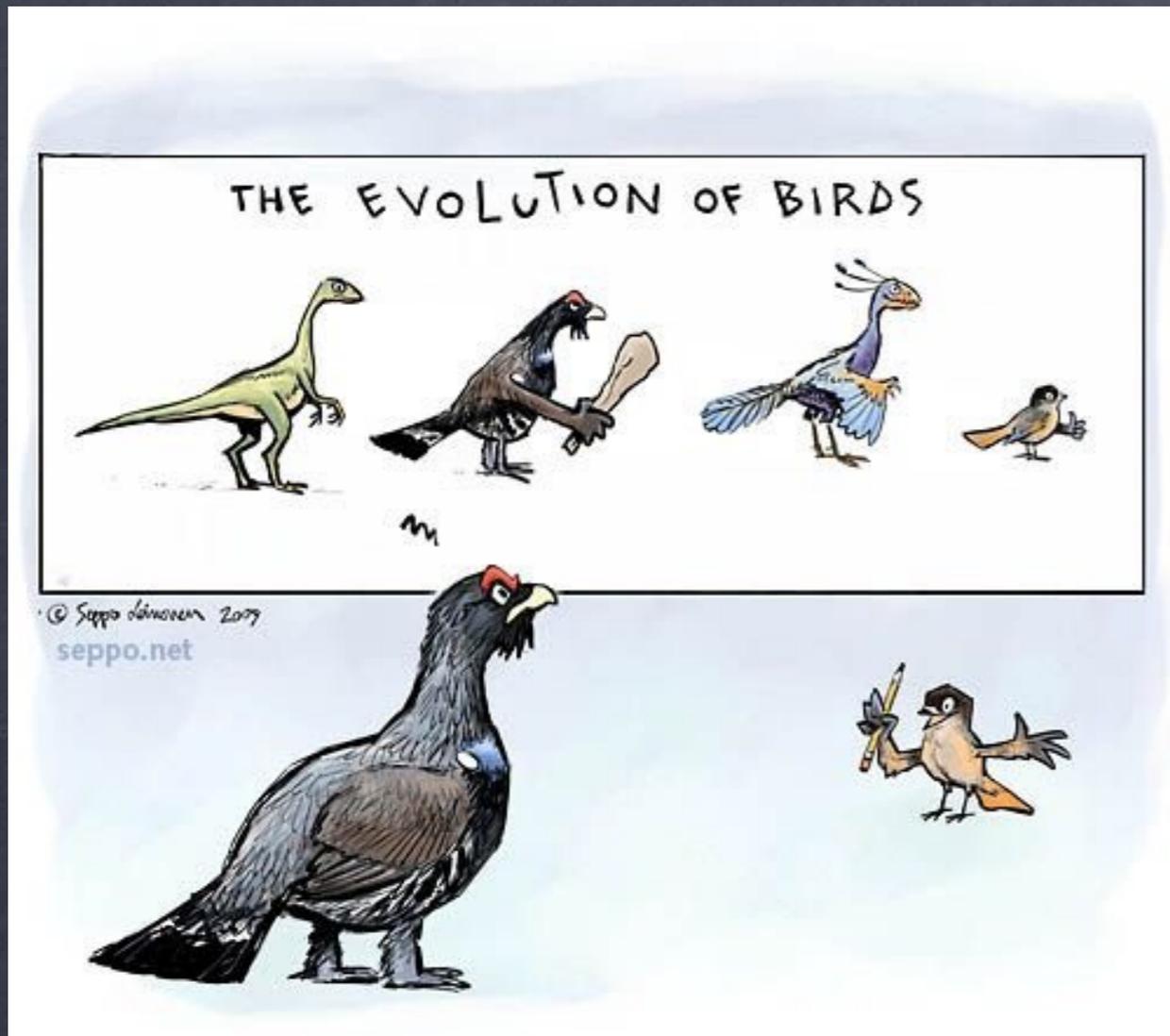


Language Family

Family and origination

- An Eastern Indo-Aryan languages
- Bengali evolved circa 1000–1200 CE from dialects such as the Magadhi Prakrit (“Vernacular”) and Pali
- Close but not identical to Vedic or Sanskrit
- Magadhi Prakrit or ôrdhômagôdhi to ôpôbhrôngshô (“Corrupted grammar”) to Purbi ôpôbhrôngshô or Abahatta (“Meaningless Sounds”)
- Three Groups
 - Bengali-Assamese languages
 - the Bihari languages
 - the Oriya languages





Evolution of Bangla

**Evolution of Bangla Alphabets
(Vowels)**

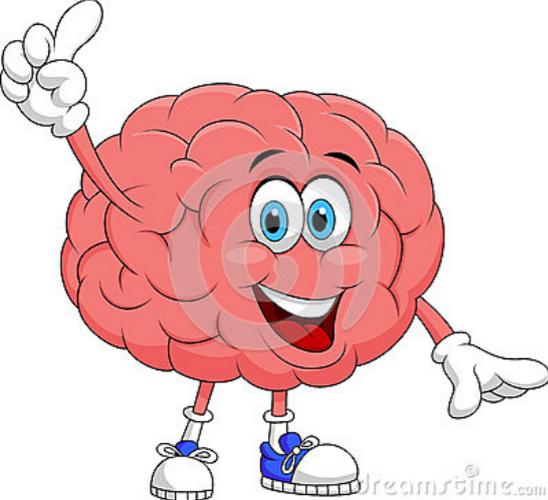
Sample alphabets	Achaean Script (3rd century BC)	Kushana Age (1st century BC)	Gupta Age (4th century AD)	Post-Gupta period (6th century AD)	Kulobian (Ab- cary, The Pasa and Rango region)	Para- Naga, 6th century, copy places of (Ch- angpa and Dagpa)	Proto-Bangla (Ab-10th century of the Pala period)	Bangla, 11th century, Sargood)	Bangla, 12th century, Dharmapala & Suralava region	Bangla, 13th century, Gyandevra, Pindardag Vijaya and Sargood	Bangla, 14th century, Sikhandava and Dharmapala region
ক	𑀓	𑀔	𑀕	𑀖	𑀗	𑀘	𑀙	𑀚	𑀛	𑀜	𑀝
খ	𑀞	𑀟	𑀠	𑀡	𑀢	𑀣	𑀤	𑀥	𑀦	𑀧	𑀨
গ	𑀩	𑀪	𑀫	𑀬	𑀭	𑀮	𑀯	𑀰	𑀱	𑀲	𑀳
ঘ	𑀴	𑀵	𑀶	𑀷	𑀸	𑀹	𑀺	𑀻	𑀼	𑀽	𑀾
ঙ	𑀿	𑁀	𑁁	𑁂	𑁃	𑁄	𑁅	𑁆	𑁇	𑁈	𑁉
চ	𑁊	𑁋	𑁌	𑁍	𑁎	𑁏	𑁐	𑁑	𑁒	𑁓	𑁔
ছ	𑁕	𑁖	𑁗	𑁘	𑁙	𑁚	𑁛	𑁜	𑁝	𑁞	𑁟
জ	𑁠	𑁡	𑁢	𑁣	𑁤	𑁥	𑁦	𑁧	𑁨	𑁩	𑁪
ঝ	𑁫	𑁬	𑁭	𑁮	𑁯	𑁰	𑁱	𑁲	𑁳	𑁴	𑁵
ঞ	𑁶	𑁷	𑁸	𑁹	𑁺	𑁻	𑁼	𑁽	𑁾	𑁿	𑂀

Evolution of Vowel Signs or medial

Vowel signs	Bangla	Brahmi	Gupta inscriptions	Nagari alphabets	Proto-Bangla
ট	𑀓	𑀔	𑀕	𑀖	𑀗
ঠ	𑀘	𑀙	𑀚	𑀛	𑀜
ড	𑀝	𑀞	𑀟	𑀠	𑀡
ঢ	𑀢	𑀣	𑀤	𑀥	𑀦
ণ	𑀧	𑀨	𑀩	𑀪	𑀫
ত	𑀬	𑀭	𑀮	𑀯	𑀰
থ	𑀱	𑀲	𑀳	𑀴	𑀵
দ	𑀶	𑀷	𑀸	𑀹	𑀺
ধ	𑀻	𑀼	𑀽	𑀾	𑀿
ন	𑁀	𑁁	𑁂	𑁃	𑁄
প	𑁅	𑁆	𑁇	𑁈	𑁉
ফ	𑁊	𑁋	𑁌	𑁍	𑁎
ব	𑁏	𑁐	𑁑	𑁒	𑁓

Evolution of Bangla Numerals

Modern Bangla Numerals	Manichaean Inscriptions of Ashoka 3 rd century B.C	Manichaean Inscriptions, 1 st century A.D	Chopra Age, 4-5 th Century A.D	Pala Period, 8-10 th Century A.D	Seno-Yamato Period, 11-12 th century A.D)
১	—	—	𑀓𑀾	𑀓𑀾𑀓	𑀓𑀾𑀓
২	==	==	𑀓𑀾𑀓𑀾	𑀓𑀾𑀓𑀾	𑀓𑀾
৩	≡	≡	𑀓𑀾𑀓𑀾𑀓	𑀓𑀾𑀓𑀾	𑀓𑀾𑀓𑀾
৪	卄	𑀓𑀾	𑀓𑀾𑀓𑀾𑀓	𑀓	𑀓𑀾
৫		𑀓𑀾	𑀓𑀾𑀓𑀾	𑀓𑀾𑀓	𑀓𑀾
৬	৬	𑀓𑀾	𑀓𑀾	𑀓	𑀓𑀾𑀓
৭	𑀓	𑀓	𑀓𑀾𑀓𑀾	𑀓	𑀓𑀾
৮	𑀓	𑀓	𑀓𑀾𑀓𑀾	𑀓	𑀓
৯	𑀓	𑀓	𑀓𑀾𑀓	𑀓𑀾𑀓	𑀓𑀾
১০	∞	∞	𑀓𑀾𑀓𑀾	০	০
১০০			𑀓𑀾	𑀓	
১০০	+		𑀓𑀾𑀓		
১০০	𑀓		𑀓		
১০০	𑀓	𑀓	𑀓	𑀓	

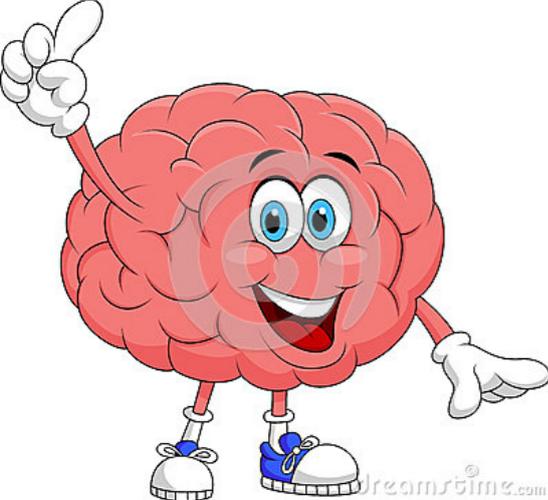


What do you think your name would look like back in time?



Evolution of the Language - Foreign Words

Source	Original	Bengali Form	Meaning
• Austroasiatic languages(দেশী Deshi)	আলু	আলু (Alu)	Potato
• Sanskrit (সংস্কৃত Sôngskritô)	स्वागतम् Svāgatam	স্বাগতম্ sbagôtôm	Welcome
• Arabic (আরবি Arôbi)	أصل 'aşl "root"	আসল asôl	Real
• Persian (ফার্সি Farsi)	آینه āynah	আয়না ayna	Mirror
• Turkish (তুর্কি Turki)	çakmak	চকমক chôkmôk	Sparkle
• Japanese (জাপানি Japani)	ばか baka	বোকা boka	Fool
• Dutch (ওলন্দাজ Olôndaj)	Escrhoef	ইস্ক্রুপ iskrup	Screw
• Portuguese (পর্তুগিজ Pôrtugij)	Janela	জানালা janala	Window
• French (ফরাসি Fôراسি)	Petit	পাতি pati	Small
• English (ইংরেজি Ingreji)	Lantern	লণ্ঠন lônṭhôn	Lantern



Can you name any?



Phonetics/Scripts

Consonant Conjuncts



Vowels/Phonetics

অ	আ	ই	ঈ	উ	ঊ	ঋ	এ	ঐ	ও	ঔ
a	ā	i	ī	u	ū	ri	e	ai	o	au
[ɔ/æ]	[a]	[i]	[i]	[u]	[u]	[r]	[e/æ]	[o]	[o/æ]	[ow]

ক কা কি কী কু কূ কৃ কে কৈ কো কৌ

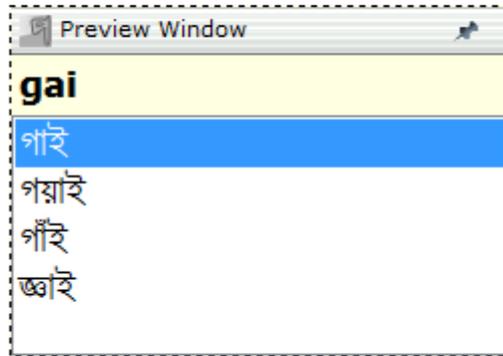
Bengali consonants
(ব্যঞ্জনবর্ণ *bênjônbornô*)

	স্পর্শ (plosive)				অনুনাসিক (nasal)		অন্তঃস্থ (approximant)		উষ্ম (fricative)					
	বর্গীয় বর্ণ (Generic sounds)													
Voicing →	অঘোষ (voiceless)				ঘোষ (voiced)				অঘোষ (voiceless)		ঘোষ (voiced)			
Aspiration →	অল্পপ্রাণ (Unaspirated)		মহাপ্রাণ (Aspirated)		অল্পপ্রাণ (Unaspirated)		মহাপ্রাণ (Aspirated)		অল্পপ্রাণ (Unaspirated)		মহাপ্রাণ (Aspirated)			
কণ্ঠ্য (Vocal) ^[nc 1]	ক	kô /kɔ/	খ	khô /kʰɔ/	গ	gô /gɔ/	ঘ	ghô /gʰɔ/	ঙ (ং)	ngô /ŋɔ/			হ	hô /ɦɔ/
তালব্য (palatal) ^[nc 2]	চ	chô/sô /tʃɔ~sɔ/	ছ	chhô/ssô /tʃʰɔ~ssɔ/	জ	jô /dʒɔ/	ঝ	jhô /dʒʰɔ/	ঞ	ñô /ɲɔ/	য (য়)	zô /dzɔ~dʒɔ/ ^[nc 3]	শ	shô /ʃɔ/ ^[nc 4]
মূর্ধন্য ^[nc 5] (retroflex)	ট	tô /ʈɔ/	ঠ	thô /ʈʰɔ/	ড (ড়)	ḍô /ɖɔ/	ঢ (ঢ়)	ḍhô /ɖʰɔ/	ণ	ṅô /ɳɔ/ ^[nc 6]	র (ৰ)	rô /rɔ/	ষ	shô /ʂɔ/ ^[nc 4]
দন্ত্য (dental)	ত (ৎ)	tô /tɔ/	থ	thô /tʰɔ/	দ	dô /dɔ/	ধ	dhô /dʰɔ/	ন	nô /nɔ/	ল	lô /lɔ/	স	sô /sɔ/ ^[nc 4]
ওষ্ঠ্য (Labial)	প	pô /pɔ/	ফ	fô /fɔ/ ^[nc 7]	ব	bô /bɔ/	ভ	bhô /bʰɔ/	ম	mô /mɔ/	ব্র (ব)	wô /wɔ/		

Other letters	ড়	rô /rɔ/	ঢ়	rhô /rʰɔ/	য়	yô /ɽɔ/	ৎ	t /t̪/	ক্ষ	kkhô /kkʰɔ/	জ্ঞ	ggô /ggɔ/
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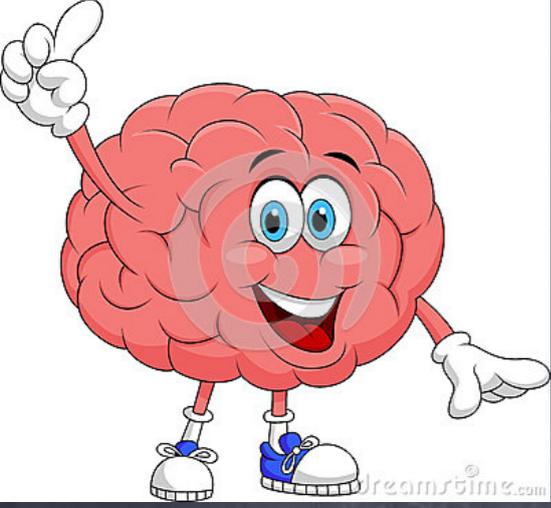
Typing in Bangla

আমি বাংলায় গান গাই



<https://www.omicronlab.com/avro-keyboard.html>

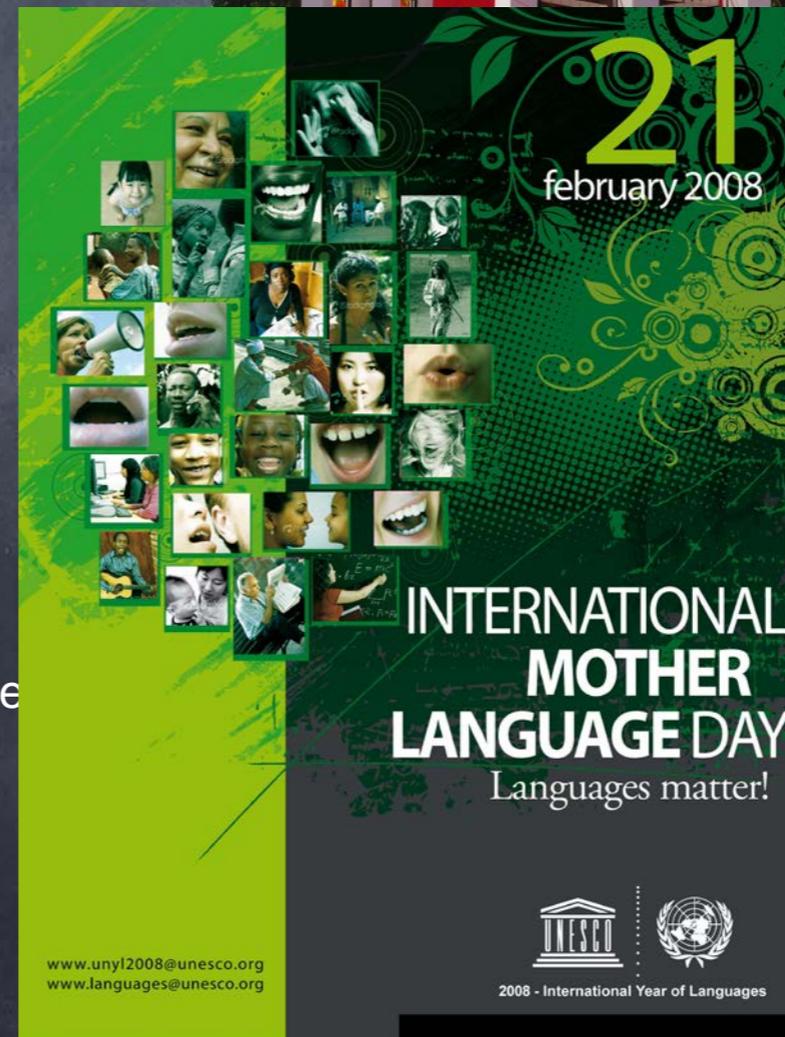
<http://www.google.com/intl/bn/inputtools/try/>

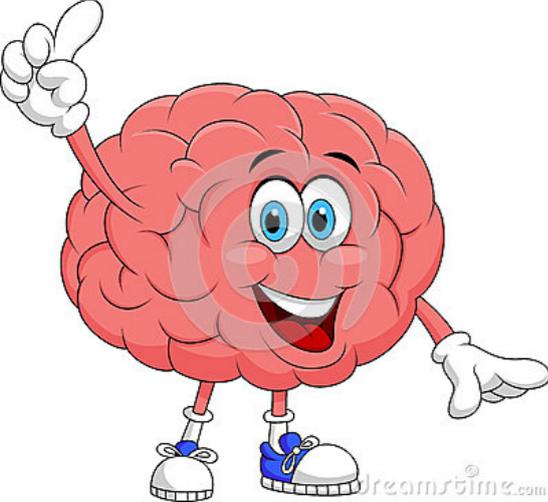


Typing in Bangla

International Mother Language Day

- 2008, Unesco declared as International Mother Language Year
- 2000, Inaugural celebration of International Mother Language Day
- 1998, Proposed in United Nations
- 1976, Soweto uprising, to introduce Afrikaans as language of instruction
- 1961, Similar movement carried out in Assam
- 1956, Bengali became the official language of then Pakistan
- 1954, Proposed in the assembly
- 1952, Protest and Language Martyrs
- 1947, End of British Colonization and Urdu was proposed as the official language





What is your favorite Bangla word?
Why do you like it?