Utah School of Computing

Internationalization

CS5540 HCI Rich Riesenfeld Fall 2008

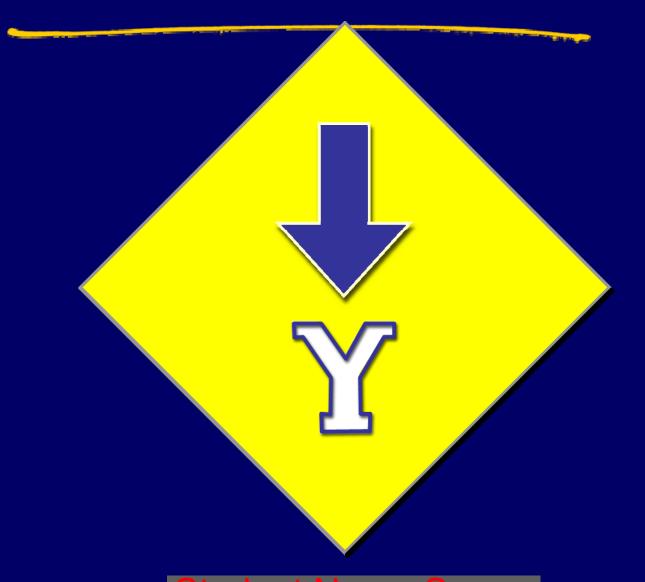
-ecture Set





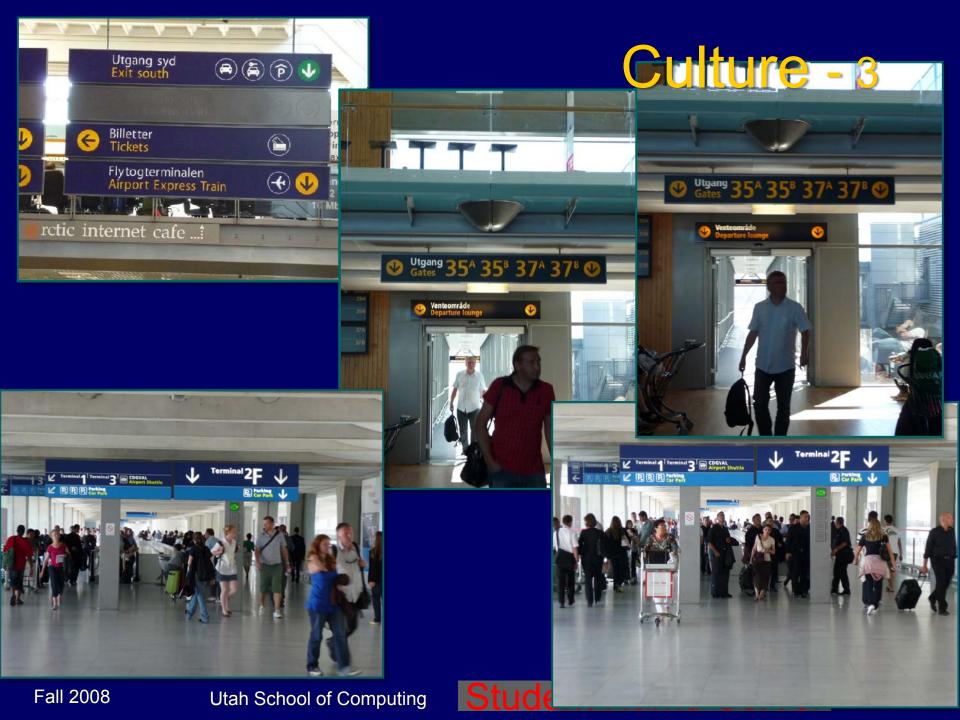
What does this sign mean?





What does this sign mean?





Culture - 4

- Up is better than down
 - Religion, Dante, ...
- When we refer to ourselves
 - We point to our noses?
 - Our chests?
- Point with index finger or hand ?

- Characters, numerals, special characters, diacriticals
- Left-to-right v (right-to-left or vertical reading)
- Date and time formats
 - International standards
- Numeric and currency formats



- Weights and measures
- Telephones and addresses
 - Fixed v variable length
- Names and titles
 - Mr., Ms., Mlle., Mme., M., Dr.
- SSNs, national IDs,
- Capitalization and punctuation

tudent Name Server

- Sorting sequences
 - Different alphabets
- Icons, buttons
- Colors
 - US: Girls \rightarrow Pink; Boys \rightarrow Blue
 - India: no gender indicated color

• Red

- China: Good luck, celebration, summoning
- Cherokees: Success, triumph
- India: Purity
- South Africa: Color of mourning



- Red (cont)
 - Russia: Bolsheviks and Communism
 - Eastern: Worn by brides
 - Western: Excitement, danger, love, passion, stop, Christmas (with green)



- Orange
 - Ireland: Religious (Protestants)
 - Western: Halloween (with black), creativity, autumn

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Yellow

- China: Nourishing
- Egypt: Color of mourning
- Japan: Courage
- India: Merchants
- Western: Hope, hazards, coward

Green

- China: Green hats indicate a man's wife is cheating on him, exorcism
- India: Islam
- Ireland: Symbol of the entire country
- Western: Spring, new birth, go, Saint Patrick's Day, Christmas (with red)

• Blue

- Cherokees: Defeat, trouble
- Iran: Color of heaven and spirituality
- Western: Depression, sadness, conservative, corporate, "something blue" bridal tradition

- Purple
 - Thailand: Color of mourning (widows)
 - Western: Royalty



• White

- Japan: White carnation symbolizes death
- Eastern: Funerals
- Western: Brides, angels, good guys, hospitals, doctors, peace (white dove)

Black

Western: Funerals, death, Halloween (with orange), bad guys, rebellion

- Pluralization, grammar, spelling
- Etiquette, policies, tone, formality, metaphors



Gender

- US: Girls \rightarrow Pink; Boys \rightarrow Blue
- India: no gender indicated color
- Luck/Omens
 - US: no 13th floor in hotels, blds
 - China: 4 is unlucky number



Luck/Omens

- US: Stock markets
 - "plus" as green (green means fortune: money is green)
 - "loss" is red (red means danger)
- Asia: Stock markets
 - "plus" is red (red means lucky and fortune)
 - "loss" is green

Ident Name Server

Taiwan Exchange: red means gain

熱門個股					»更多
		成	交量大	成交	を値大
股名	價位		漲跌	%	量(張)
2409友達	30.90	\heartsuit	1.65	5.07%	111575
2002中鋼	28.80	\diamond	0.50	1.77%	84010
2610華航	5.19	٠	0.39	6.99%	75970
2891中信金	13.00	\heartsuit	0.65	4.76%	74777
2888新光金	7.95	٠	0.59	6.91%	74500

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Chinese Exchange : red means gain

10月9日 - 已收盘



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Student Name Server



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- Pluralization, grammar, spelling
- Sorting sequences
 - Different alphabets
- Etiquette, policies, tone, formality, metaphors
 - Pointing with hand or index finger, e.g.

Culture/Religion/Diet

- KFC opened in India
 - Mostly non-veggie
 - Typically (97%) 3 or more Indians eat out so at least 1 will be veggie

dent Name Server

- KFC menu was bland and sweet
- Indians like spicey food

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End of Lecture Set 1 Preliminaries

End Lec Set