code posts = code value associated with a character Unitacle unitable has 17 code planes. 1st plane is Basic Multilingual Plane. Other 12 planes hald "supplementate characters". Surragilles crue BMP = U+0000 to U+FFFF Supp = U+10000 to U+10ffff tach character in BMP represented by a single 16-bit code unit (char) surroyates: BMP has a range of unitsed values called the surroyates => supplementery characters (200 to Ox DBFF, Ox DCOO to DFFF (2048 rolles) supplementary characters are could by combining surrogates from each subrange as shown doore Easy to bell it value encodes character in a single code unit or part of Benefit a supplementary character (and which surregate) Advice Avoid norking with chors. Lark of code points. bodom: false or true 10 bokshot cannot convert to integer + vice work (not directly) identifiers (digits — cannot start of digit punctuation connectors entifiers ANY LANGUAGE, eg. IT is a lotter Dan't use \$ - intended for compiler-generated names matifier. Anitions Use Character is I and I dentified Start () + is Jam I dentified Part () to determine what's allowed can ture a single understore '- as a some.

mile a program to take one int in the rance Ox 10000 to Ox 10 Ffff and return the high a low surroughe pairs to encode it in UTF-U. Iterate over the range a print of the character, the code point value in their and the bulgh a low surpagete values in lax. I then there is a supplementary characters to disterning if they can be used in Jama identifiers (a whethere they can be much at the eighning of the I don't feer).