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\* Unit 1 Activity 2 Program/Question 1

\* This program will show the unicode values of letters a-z uppercase and lowercase

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public class UnicodeChars

{

public static void main(String[] args)

{

//Variable Declarations and Initializations

char alphabet[][] = {

{'A', 'a'}, {'B', 'b'}, {'C', 'c'}, {'D', 'd'}, {'E', 'e'}, {'F', 'f'}, {'G', 'g'}, {'H', 'h'}, {'I', 'i'}, {'J', 'j'}, {'K', 'k'},

{'L', 'l'}, {'M', 'm'}, {'N', 'n'}, {'O', 'o'}, {'P', 'p'}, {'Q', 'q'}, {'R', 'r'}, {'S', 's'}, {'T', 't'}, {'U', 'u'}, {'V', 'v'},

{'W', 'w'}, {'X', 'x'}, {'Y', 'y'}, {'Z', 'z'}};

System.out.println("Unicodes of the Alphabet\n=============================");

for(int letter = 0; letter < 26; letter++)

{

for(int cases = 0; cases < 2 ; cases++)

{

System.out.print(alphabet[letter][cases] + " = \\u" + Integer.toHexString(alphabet[letter][cases] | 0x10000).substring(1) + ", ");

//The toHextString(int i) method simply returns the hexadecimal (or base 16) string equivalent of int method parameter.

}//end loop

System.out.println();

}//end loop

}//end main

}//end class