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    COP 3223C

    Assignment 11

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#include <stdio.h>

int main()

{

    // Array for the UnCoded

    char unCoded[] = {'A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z'};

    // char unCoded[] = {ABCDEFGHIJKLMNOPQRSTUVWXYZ};

    // Array for the Coded

    char coded[] =   {'H','I','V','J','K','W','L','A','M','Y','N','B','X','O','Z','C','T','P','U','D','Q','S','R','E','G','F'};

    // char coded[] = {HIVJKWLAMYNBXOZCTPUDQSREGF};

    int x;

    int i;

    int index;

    // Get string from user

    char input[100];

    char encoded[100];

    printf("Only enter CAPITAL LETTORS:\n");

    printf("Enter your input:\n");

    scanf("%s",input);

    x = 0;

    while(input[x] != 0)

    {

        for(i = 0; i < 26; i++)

        {

            if(unCoded[i]==(input[x]))

            {

                index = i;

                break;

            }

        }

        encoded[x]=coded[index];

        x++;

    }

    encoded[x]=0;

    printf("\nGiven word: %s\n",input);

    printf("Encoded word: %s\n",encoded);

    return 0;

}

Text

Description automatically generated