Name:Tayyab Zain

RegNo:4293-FBAS/Bscs4/F20

#include<iostream>

using namespace std;

#define Max 30

char encrypt(char words[], int limit) {

for (int i = 0; i <limit; i++)

{

words[i] = int(words[i])+5;

}

return \*words;

}

void display(char words[],int limit) {

for (int i = 0; i < limit; i++)

{

cout << words[i];

}

cout << endl;

}

char decrypt(char words[], int limit) {

for (int i = 0; i < limit; i++)

{

words[i] = int(words[i])-5;

}

return \*words;

}

int main() {

char words[Max];

string word;

cout << "Enter Sentence: " << endl;

cin.getline(words, Max);

int i = 0;

while (words[i]!='\0')

{

i++;

}

cout << endl;

cout << "Entered" << endl;

display(words, i);

encrypt(words, i);

cout << "Encrypted: ";

display(words, i);

decrypt(words, i);

cout << "Decrypted: ";

display(words, i);

}

