Experiment 2

Rail Fense Encryption-

**Code-**

#include<bits/stdc++.h>

using namespace std;

int main(){

cout<<"Rail Fense Encryption \n";

int t,n,m,i,j,k,sum=0;

string s;

cout<<"Enter the message : "<<'\n';

cin>>s;

cout<<"Enter key : "<<'\n';

cin>>n;

vector<vector<char>> a(n,vector<char>(s.size(),' '));

j=0;

int flag=0;

for(i=0;i<s.size();i++){

a[j][i] = s[i];

if(j==n-1){

flag=1;

}

else if(j==0)

flag=0;

if(flag==0){

j++;

}

else j--;

}

cout<<"Encrypted Message : \n";

for(i=0;i<n;i++){

for(j=0;j<s.size();j++){

if(a[i][j]!=' ')

cout<<a[i][j];

}

}

cout<<'\n';

return 0;

}

**Output-**

