/\*text processing, string T (max 15) and symbols u annd v will

 \* be inputted from the keyboard\*/

#include <stdio.h>

//prototypes

int readN(char[],int);

char readChar(char[]);

void readString(char[],int);

void exchangeSymbols(char[], char[], char, char, int);

void displayString(char[]);

int main(void)

{

      int n;

      n=readN("how many: ",15);

      char T[n], Q[n], v, u;

      v= readChar("exchanging values: ");

      u= readChar("exchanger: ");

    readString(T,n);

    exchangeSymbols(T,Q,v,u,n);

    displayString(T);

    displayString(Q);

return 0;

}

int readN(char text[],int k)

{

      int i;

      do{

            printf("%s", text);

            scanf("%d", &i);

      }while(i>k);

      return i;

}

char readChar(char text[])

{

      char x;

      printf("%s", text);

      scanf(" %c", &x);

      return x;

}

void readString(char tt[],int m)

{

      printf("please insert string %d elemenets\n",m);

      scanf("%s", tt);

}

void exchangeSymbols(char tt[], char ss[], char l, char k, int j)

{

      int i;

      for (i=0; i<j ;i++){

            if(tt[i] == l)

            {

                  ss[i]=k;

            }

            else if(tt[i] ==k)

            {

                  ss[i]=l;

            }

      else{

            ss[i]=tt[i];

      }

      }

}

void displayString(char tr[])

{

      printf("%s ",tr);

}

TASK 2-

#include <stdio.h>

//prototypes

int readN(char[],int);

void readReal(int[], FILE\*);

void createArray(int[],int[]);

void outputElements(int[],int);

int main(void)

{

char fi[10]= "fileS.txt";

      FILE \*IN;

IN= fopen(fi,"r");

      int n;

      n=readN("how many real values: ",0);

      int S[n];

      int Y[n];

      int k;

      readReal(S, IN);

      createArray(Y,S);

      outputElements(S,k);

      return 0;

}

int readN(char text[],int k)

{

      int i;

      do{

            printf("%s", text);

            scanf("%d", &i);

      }while(i<k);

      return i;

}

void readReal(int S[], FILE\*fileS)

{

      int xnum;

      int i=0;

      while(fscanf(fileS, "%d\n",&xnum)!=EOF)

      {

            i++;

            S[i]=xnum;

      }

}

void createArray(int Y[],int S[])

{

for (int i=)

}

void outputElements(int S[],int k)

{

;

}