Answer1:

#include <stdio.h>

#include <string.h>

#include <ctype.h>

#include <stdbool.h>

#include <iostream>

bool palindrome(char\* str);

int main()

{

char input[100];

scanf\_s("%s", input,100);

// cin >> input;

if (palindrome(input))

printf("palindrome");

return 0;

}

bool palindrome(char\* str)

{

int l = strlen(str);

int i;

for (i = 0; i < l / 2+1; i++)

{

if (toupper(str[i]) != toupper(str[l - i - 1]))

break;

}

if (i == l / 2+1)

return true;

else

return false;

}

Answer2:

Select CUSTOMER.ID,CUSTOMER.NAME from CUSTOMER ordered by CUSTOMER.NAME desc

Answer:3

Select STUDENT.ID,STUDENT.NAME,STUDENT.MARKS,

CASE

WHEN STUDENT.MARKS BETWEEN 90 AND 100 THEN ‘A+’

WHEN STUDENT.MARKS BETWEEN 70 AND 90 THEN ‘A’

WHEN STUDENT.MARKS BETWEEN 50 AND 70 THEN ‘B’

WHEN STUDENT.MARKS BETWEEN 40 AND 50 THEN ‘C’

WHEN STUDENT.MARKS<40 THEN ‘Fail’

END AS GRADE

FROM STUDENT