



SHEET 5

1. Write C++ program that reads a set of values and stores them in an array. Write a function that traces the array elements and updates negative numbers with their positive values.

```
C:\WINDOWS\system32\cmd.exe
enter total no. of elements (1-20): 5
Enter the numbers:
23
-33
-12
-9
0
Array after change:
23
33
12
9
0
Press any key to continue . . .
```

2. Write C++ program that reads 10 numbers and stores them in an array. The program should replace each even number with a star and each odd number with a percent, zero should be left untouched.

```
C:\WINDOWS\system32\cmd.exe
Enter your array:
3
7
0
2
6
9
3
0
1
5
Array after change:
%
%
0
*
*
%
%
0
%
%
Press any key to continue .
```





3. Write C++ program for bank system that starts the customer balance with 1000 LE. It allows to customer to deposit, withdraw money and to display his current balance. The program works until the customer doesn't want any other operations.

```
Choose your operation:
1. Deposit          2. Withdraw          3. Display balance
2
How much are you going to withdraw?
300
Another Operation? (Y/N)
y
Choose your operation:
1. Deposit          2. Withdraw          3. Display balance
3
Current Balance: 700
Another Operation? (Y/N)
Y
Choose your operation:
1. Deposit          2. Withdraw          3. Display balance
1
How much are you going to deposit?
450
Another Operation? (Y/N)
Y
Choose your operation:
1. Deposit          2. Withdraw          3. Display balance
3
Current Balance: 1150
Another Operation? (Y/N)
```

