

Loops and Array

Each labs worth 10 points

All lab work must be initiated during the lab hour and be completed during the lab hour.

Only when additional time is required, the student may turn the lab in the following day for 2 points off.

1. Write a MIPS program to ask user to input the number of elements of array. The user input should be a positive number less than or equal to 10. Then your program ask the user to fill up the array and then print the content of array in reverse order. An Example of sample input and output would be:

Enter the number of elements:

12

Error array can't have more than 10 elements, try again!!

10

```
=====
Enter number 1:      10
Enter number 2:      21
Enter number 3:      32
Enter number 4:      34
Enter number 5:      45
Enter number 6:      56
Enter number 7:      67
Enter number 8:      78
Enter number 9:      89
Enter number 10:     91
```

=====
The content of array in reverse order is:

```
=====
91
89
78
67
56
45
34
32
21
=====
```