

ESC 101: Fundamentals of Computing				Minor Quiz 8		Date: 15 - 03 - 2019	
Name						B	
Roll No.		Dept.		Section			

Instructions:

1. Write final answers neatly with a blue/black pen in the given boxes.
2. **This question paper contains a total of 1 page (1 side of paper).**
3. **Answers written outside the box will NOT be graded.**

Total 10 Marks

Q. 1: a. What will be the output of the following code snippet? **2 + 2 + 2 Marks**

- b. Will the function f1 output all the elements in the array a? Explain.
- c. If the answer to part b is yes, give proper explanations to support your answer.
If the answer is no, what changes would be required in function f1 to make it print all the elements of the array passed through the argument.

```

1. #include<stdio.h>
2. int a[ ] = {2,4,6,8};
3.
4. int f1(int ar[4]){
5.     int b = sizeof(ar)/sizeof(int);
6.     for(int i=0; i<b ; i++)
7.         printf("%d\t",*(ar+i));
8.     return b;
8. }
9. int main(){
10.    printf("%d", f1(a));
11. }
```

Answers
Q1.a
Q1.b
Q1.c

Q. 2: Write the output of the following program in the appropriate box. **2+2 Marks**

```

1. int arr[4][5];
2. for (int i=0; i<4; i++){
3.     for (int j=0; j<5; j++){
4.         arr[i][j] = 10*i + j;
5.     }
6. }
7. printf("%d\n", *( arr[3] + 4 ));
8. printf("%d", *( *arr + 14 ));
```

Output
EXPLAIN YOUR ANSWER