

ESC 101: Fundamentals of Computing				Minor Quiz 3		Date: 01 – 02 - 2019	
Name						A	
Roll No.		Dept.		Section			

**Instructions:**

1. This question paper contains a total of **1** page (**1** side of paper).
2. Write your name, roll number, department, and section on every side of every sheet of this booklet
3. Write final answers neatly with a blue/black pen in the given boxes.
4. **Answers written outside the box will NOT be graded.**

**Total 10 Marks**

**Q. 1:** Write the output of the following program in the appropriate box.

**4 Marks**

```

1  #include <stdio.h>
2  int main(){
3      int x,sum_odd=0, sum_even=0;
4      for(x=1; x<=10; x++){
5          if(x%2) sum_odd += x;
6          else sum_even += x;
7      }
8      printf("%d\n", sum_odd);
9      printf("%d\n", sum_even);
10     return 0;
11 }
```

Output Line No.	Output
<b>1</b>	<b>25</b>
<b>2</b>	<b>30</b>

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

**6 Marks**

```

1  #include <stdio.h>
2  int main(){
3      int x=0, sum=0;
4      while(x<6){
5          switch(++x){
6              case 1: sum += 1;
7              case 2: sum += 2;
8              case 3: sum += 3;
9              case 4: sum += 4;
10             case 5: sum += 5;
11             default: break;
12         }
13         printf("%d\n", sum);
14     }
15     return 0;
16 }
```

Output Line No.	Output
<b>1</b>	<b>15</b>
<b>2</b>	<b>29</b>
<b>3</b>	<b>41</b>
<b>4</b>	<b>50</b>
<b>5</b>	<b>55</b>
<b>6</b>	<b>55</b>