Assignment 0

Due on 2020-01-27, 23:59 IST.

1. What will be the output of the given C program?

```c
int a = 5;
printf("%d", a++);
```

No, the answer is incorrect.

2. What is the following code snippet doing? The values referred in options are initial values of a and b.

```c
int a = 2, b = 3;
if (a == b) {
    printf("a = %d, b = %d\n", a, b);
} else {
    printf("a = %d, b = %d\n", a, b);
}
```

No, the answer is incorrect.

3. What are the values of a and b?

No, the answer is incorrect.

4. Find the value of sum at the end of the following code.

```c
int a = 0;
while (i < 10) {
    a += 1;
    i++;
}
```

No, the answer is incorrect.

5. Which of the following gates are the same truth table?

No, the answer is incorrect.

6. Which of the following gates are the same truth table?

No, the answer is incorrect.

7. Which of the following acts as an interface between the hardware and the software in a computer?

No, the answer is incorrect.

8. In a computer, which of the following translates a high level C code into machine understandable binary code?

No, the answer is incorrect.

9. What is the total number of input gates (AND, OR, NOT) we need to realize the logic above, where a is a 3-bit input?

No, the answer is incorrect.