

**ESET 269 : Homework 2**

1. What is the expected output of the following code?

```
int x = 1;  
x = x * 10;  
x -= 30;  
x *= x + 50;  
printf ("The value is %d \n", x);
```

The value is -600

2. What is the value of x and y after the following code executes.

```
int x = 2, y = 1;  
x -= ++y * 4;
```

y = 2, x = -6

3. Write a program that ask the user to input 3 different integers between 1 and 20, and output the product of the two highest numbers inputted.
4. Write a program that ask the user to input an integer and output(print) if it is odd or even.
5. After executing the following code what is the value of y and ans.

```
float y = 10; float z = 34; float ans = 24;  
y -= z-- * y++;  
ans += --ans / ++z;
```

y = -329.00, ans = 23.68