**Assignment - 3**

1. What do these loops print?

for(i = 0; i < 10; i = i + 2)

printf("%d\n", i);

for(i = 100; i >= 0; i = i - 7)

printf("%d\n", i);

for(i = 1; i <= 10; i = i + 1)

printf("%d\n", i);

for(i = 2; i < 100; i = i \* 2)

printf("%d\n", i);

2. Write a program to print this triangle:

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3. What would this code print?

int i;

for(i = 0; i < 3; i = i + 1)

printf("a\n");

printf("b\n");

printf("c\n");

4. Write a program to print the following Sequence

2

4

6

8

10

5. Write a program to swap the values of two variables.