

## EXERCISE ON FOR AND WHILE LOOPS

1.
  - a. Use the For loop to display the table of 3 from 3 to 30.
  - b. Use the While loop to display the same sequence.
  
2. Express the following program using the While loop.

```
public class AddElementOfSeq
{
    public static void main (String[] args)
    {
        System.out.println ("This program will find the sum of the ");
        System.out.println ("first n elements of the sequence ");
        System.out.println ("5, 7, 9... (i.e. each element is 2i+3)");

        Scanner scan = new Scanner(System.in);

        System.out.println ("Enter how many elements to add");
        int howMany = scan.nextInt();

        int sum = 0;

        for (int i=1; i <= howMany; i++)
        {
            sum = sum + 2*i + 3;
        }

        System.out.println ("Sum of the first " + howMany + " elements = " +
sum);
    }
}
```