JAVA ASSIGNMENT 2

1. Define a class named "Employee" with the following private fields:
   EmpID , EmpName , DeptID , Bloodgroup , Salary. Declare 2 public methods to get and set the private fields. Create an object of employee. Set and Show the details of each employee.

2. Write a program to display the following: -

1	2	3	4	5
1	2	3	4	
1	2	3		
1	2			
1				
1	2			
1	2	3		
1	2	3	4	
1	2	3	4	5

3. Define a class named "Test" with an instance variable num. Define a method named getReverse(). Create an object of the class and initialize num. Call getReverse() to get the reverse and print the reverse no.

4. Calculate the area of circle and cylinder by creating methods name area of circle and area of cylinder in a class named Area using a constant variable PI=3.14.

5. Write a program to generate five random no. between 1 to 100. Make sure that no should not contain decimal point.

6. Write a program to display grade message according to the marks obtained by the student.

7. Write a program to generate the following pattern. (Use only while loop)

   ```
           A
          ABA
         ABCBA
        ABCDCBA
       ABCDEDCBA
   ```