package BasicJava.Assignment3;  
  
public class Patterns {  
 //1.n=4 then o/p= 1 3 5 7  
 //2. n=4 then o/p = 2 4 6 8  
 //3. n=4 then o/p= 6 9 12 15  
 //4 n=5 then o/p= 1,4,7,10,13  
 //﻿5. n=5 then o/p= 0,4,8,12,16  
 public static void main(String[] args) {  
 int i=1;  
 int n=4;  
 int num=1;  
 while(i<=n){  
 System.*out*.print(num+" ");  
 num=num+2;  
 i++;  
 }  
 System.*out*.println();  
 i=1;  
 num=2;  
 while(i<=n){  
 System.*out*.print(num+" ");  
 num=num+2;  
 i++;  
 }  
 System.*out*.println();  
 i=1;  
 num=6;  
 while(i<=n){  
 System.*out*.print(num+" ");  
 num=num+3;  
 i++;  
 }  
 System.*out*.println();  
 i=1;  
 num=1;  
 n=5;  
 while(i<=n){  
 System.*out*.print(num+" ");  
 num=num+3;  
 i++;  
 }  
 System.*out*.println();  
 i=1;  
 num=0;  
 n=5;  
 while(i<=n){  
 System.*out*.print(num+" ");  
 num=num+4;  
 i++;  
 }  
  
  
 }  
  
}

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Output:

1 3 5 7

2 4 6 8

6 9 12 15

1 4 7 10 13

0 4 8 12 16

Process finished with exit code 0