2.1 Declare an integer array of size 10. Initialize using for loop with 1 to 10, and print

all even numbers from an array.

2.2 Code with comments

```java
package workout;

import java.util.Scanner;

public class EvennumArray {

    public static void main(String[] args) {
        int a[]=new int[10]; //declaring size of an arry as 10
        int count=0;

        for(int i=1;i<=a.length;i++) //using for loop for iteration
        {
            if(i%2==0) // checking for the condition if the number is
divisible by 2 then it is a even number
            {
                System.out.println(i);
                count++;
            }

        }
        System.out.println("The total odd numbers between 1 to 10 is
:"+count);//getting total number of even number count

    }

}
```

2.3 Explanation of the code

Declared size of an array as 10. Iterating using for loop then checking for the condition when the number is divisible by 2 then it will get printed and getting the total count of the even numbers.

2.4 Output

```
1 package workout;
2
3 import java.util.Scanner;
4
5 public class EvennumArray {
6
7    public static void main(String[] args) {
8        int a[]=new int[10]; //declaring size of an arry as 10
9        int count=0;
10
11       for(int i=1;i<=a.length;i++) //using for loop for iteration
12       {
13           if(i%2==0) // checking for the condition if the number is divisible by 2 then it is a even number
14           {
15               System.out.println(i);
16               count++;
17           }
18
19       }
20       System.out.println("The total odd numbers between 1 to 10 is :"+count);//getting total number of even number count
21
22    }
23
24 }
```

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<terminated> EvennumArray [Java Application] C:\Program Files\Java\jre-10.0.1\bin\javaw.exe (24-Nov-2018, 11:51:28 AM)

```
2
4
6
8
10
The total odd numbers between 1 to 10 is :5
```