

Laboratory Exercises 8 Array

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Score: _____

1. Write some Java code that will fill an array `a` with 20 values of type `int` read in from the keyboard. You need not write a full program, just the code to do this, but to give the declarations for the array and for all variables.

```
int [] no = new int[20]
for (peso = 0; peso <=19; peso ++)
```

System.out.println("ARRAY " + peso + ": ");

2. Write a program that reads 20 different peso bill from the user and then prints the total number of occurrences for 1, 5 and 10 peso bill.

```
import java.util.Scanner;

public class Counting_Array {

    public static void main (String[] args)
    {

        Scanner    input =new Scanner (System.in);

        int eleno, n, i;

        System.out.print("Enter the total number of elements: ");

        n=input.nextInt();

        int [] no = new int [20];

        for (eleno = 0; eleno <= 19; eleno++)
```

```

        {

            System.out.print("Enter Value for Element " + eleno + ":");

            no[eleno] = input.nextInt();

        }


        int arr[]=new int[n];

        System.out.println("Enter all the element in arrays: ");

        for(int elr=0; elr<n ;elr++)

        {

            arr[elr]=input.nextInt();

        }

        System.out.print("Enter the element whose frequency you want to
know: ");

        int elem = input.nextInt();

        int cnt = 0;

        for(int elr=0; elr<n ;elr++)

        {

            if(elem==arr[elr])

            {

                cnt++;

            }

        }

        System.out.println(elem + " occured " + cnt + " times");

    }

}

```

