

Q1: Provide the pseudocode for the following tasks involving a 1-dimensional array.

- **Create a 1-D array that holds N integers, where N is a number read from the user;**

Get N from user

Make sure N is a valid integer greater than 0.

```
int[] newArray;  
newArray = new int[N];
```

- **Assign N values to the array;**

```
for(int x = 0; x < N; x++){  
    newArray(x) = 0;  
}
```

- **Print the starting address of the array;**

```
System.out.println(newArray);
```

- **Print the sum of the integers in the array;**

```
int sum = 0;
```

```
For(int x = 0; x < newArray.Length(); x++){  
    sum += newArray[x];  
}
```

```
System.out.println(sum);
```