

Fcode Labs

TECHNICAL SUBMISSION



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```
numberArray[1][1]=2;
```

```
kSet.add(arr[i]);
        kSet.remove(arr[i - k]);
int[] arrayOne = {5, 6, 8, 2, 4, 6, 9};
Boolean valid = false;
```

Q3)

- First I would make a variable called "highest" and assign it to 0
- Then I would make a for loop to traverse the whole array
- Then I would compare each element in the array to the highest
- If that element is higher than the variable highest then assign that element to Highest's
- Once the loop ends print out the highest

Q4)

I would use encapsulation to make sure data inside a certain object can't be accessed by other objects or a functions because I want to keep the data private and secure and only be accessed by an instance of that class. Abstraction would be used to hide certain functions or methods so that the user won't be able to see the code behind it and possibly exposing the code. Polymorphism would be used to increase the code efficiency by making sure the same code is not repeated and the code and be re-used by other classes multiple classes would be able to use its functions. Inheritance can be used to decrease the code size and make the code efficient as things are not repeated again and again.