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/*Joud Talal Alharbi 2110207  
Shahd Alshamrani 2113082  
Noura Almutairi 20113615  
Raghad Hussain 2112736  
Raghad Basfar 2024092  
Joud Hattan 2010849  
*/
```

```
package pokemongame;
```

```
public class PokemonQueue {  
    private Pokemon[] queue;  
    private int maxSize;  
    private int front;  
    private int numItems;  
  
    public PokemonQueue(int size) {  
        maxSize = size;  
        queue = new Pokemon[maxSize];  
        front = 0;  
        numItems = 0;  
    }  
  
    public void enqueue (Pokemon pokemon){  
        queue[(front+numItems)%maxSize]=pokemon;  
        numItems++;  
    }  
  
    //-----dequeue-----  
    public Pokemon dequeue() {  
        Pokemon temp = queue[front];  
        // update the location of front  
        front = (front + 1) % maxSize;  
        // decrement numItems  
        numItems--;  
        // return the previous front value  
        return temp;  
    }  
  
    public boolean isFull() {  
        return (numItems == maxSize);  
    }  
  
    public boolean isEmpty() {  
        return (numItems == 0);  
    }  
    public Pokemon peek(){  
        return queue[front];  
    }  
    public int size (){  
        return numItems;  
    }  
  
    //-----PrintQueue-----  
    public void PrintQueue() {  
        for (int i = 0; i < numItems; i++) {
```

```
        System.out.print(queue[(front + i) % queue.length].GetName()+ " ");  
    }  
}
```