

## Bijlage Ontwerpen (Design Patterns):

Je mag volgende **afkortingen** voor het klassendiagram, het schrijven van de implementatie (= Java code) van de design patterns gebruiken:

A	abstract	b	boolean
I	interface	c	char
		d	double
v	void	i	int
		S	String

Volgende **afkortingen** voor het schrijven van de testen en de implementatie (= Java code) van de design patterns:

C	class	pu	public
		pro	protected
		pri	private
r	return	t	true
n	new	f	false

# Bijlage Java:

## Concurrency

### **Interface Runnable**

public void run()

### **Interface Callable<V>**

public V call()

### **Interface Future<V>**

public V get()

### **Class Thread**

public Thread(Runnable target)  
public static Thread currentThread()  
public void interrupt()  
public final boolean isAlive()  
public final void join()  
public final void join(long millis)  
public static void sleep(long millis)  
public void start()

### **Class Executors**

public static ExecutorService newFixedThreadPool(int nThreads)

### **Interface ExecutorService extends Executor**

public void execute(Runnable command)  
public void shutdown()  
public <T> Future<T> submit(Callable<T> task)

### **Interface Lock**

public void lock()  
public Condition newCondition()  
public void unlock()

### **Class ReentrantLock**

public ReentrantLock()

### **Interface Condition**

public void await()  
public void signal()

### **Class ArrayBlockingQueue<E>**

ArrayBlockingQueue(int capacity)  
public E poll(long timeout, TimeUnit unit)  
public void put(E e)  
public E take()

### **Enum Class TimeUnit**

MILLISECONDS

### **Class Platform**

public static void runLater(Runnable runnable)

