

Cum este correct sa implementam o clasa singleton, folosind lazy initialization?

- **Variante de raspuns**

A)

```
public class T {  
    private static final T instance = new T();  
  
    private T(){};  
    public static T getInstance(){  
        return instance;  
    }  
}
```

b)

```
public class T {  
    private static T instance;  
  
    private T(){};  
    public static T getInstance(){  
        if(instance == null){  
            instance = new T();  
        }  
        return instance;  
    }  
}
```

c)

```
public class T {  
    private static final T instance;  
  
    private T(){};  
    public static T getInstance(){  
        if(instance == null){  
            instance = new T();  
        }  
        return instance;  
    }  
}
```

d)

```
public class T {  
    private static T instance;  
  
    public T(){};
```

```
public static T getInstance() {  
    if(instance == null){  
        instance = new T();  
    }  
    return instance;  
}
```

- **Justificare raspuns**

Raspuns correct b)

Raspunsul a nu este correct ptc foloseste eager initialization.

Raspunsul c nu este correct pentru ca nu putem avea private static final T instance, deoarece instance nu a fost initializata.

Raspunsul d nu este correct deoarece constructorul este public.