**TASK-12.0**

**Please read the source code below and try to understand what it does.**

**boolean** addComments(IFileVersion version, List<PatchLineComment> comments) {

version.getComments().clear();

**if** (version == **null** || comments == **null** || comments.isEmpty()) {

**return** **false**;

}

**boolean** changed = comments.size() != version.getComments().size();

**int** oldDraftCount = version.getDrafts().size();

**int** draftCount = 0;

changed |= draftCount != oldDraftCount;

**return** changed;

}

**Q.12.0. How well do you think you understand the code?**

* Well
* Not so well

**TASK-12.1**

However, this same code is failing.

**Failure Message:**

When we can't get a file version for whatever reason, an Null Pointer Exception occurs.

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We will ask you to inpect **two different** locations in the **same code**.

**Q.12.1. Do you think that the highlighted code causes the failure?**

* Yes
* No

**boolean** addComments(IFileVersion version, List<PatchLineComment> comments) {

version.getComments().clear();

**if** (version == **null** || comments == **null** || comments.isEmpty()) {

**return** **false**;

}

**boolean** changed = comments.size() != version.getComments().size();

**int** oldDraftCount = version.getDrafts().size();

**int** draftCount = 0;

changed |= draftCount != oldDraftCount;

**return** changed;

}

**Q.12.2. How confident are you that your answer is correct?**

* Confident
* Not so confident

**TASK-12.2**

However, this same code is failing.

**Failure Message:**

When we can't get a file version for whatever reason, an Null Pointer Exception occurs.

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**Q.12.3. Do you think that the highlighted code causes the failure?**

* Yes
* No

**boolean** addComments(IFileVersion version, List<PatchLineComment> comments) {

version.getComments().clear();

**if** (version == **null** || comments == **null** || comments.isEmpty()) {

**return** **false**;

}

**boolean** changed = comments.size() != version.getComments().size();

**int** oldDraftCount = version.getDrafts().size();

**int** draftCount = 0;

changed |= draftCount != oldDraftCount;

**return** changed;

}

**Q.12.4. How confident are you that your answer is correct?**

* Confident
* Not so confident