B. Answering the following questions:

1. What is the benefit of automation test and why? Please provide some of your examples to prove that

Answer:

**Quick feedback**

Big benefit of automation testing are that they can provide a quick feedback on the health of the application/product... as soon as the application is updated. This is important for the development team, as they should fix anything which is broken before moving on to code other stuff, so a quick feedback is important.

**Fast execution of checks**

Although automated checks can take a while to run scripts, when we execute them they are generally fast and can go through various steps much quicker than a human being. This is especially true of a data driven test where the same tests are executed multiple times but with different data sets.

**Frees up the time of the testers**

Regression tests which need to be run on a regular basis, when automated, they free up the time of the testers, so they can focus more on interesting scenarios and exploratory testing.

**The development team can contribute**

Automated checks are usually written in the same language as the application under test. For this reason, the responsibility of writing, maintaining and executing the tests becomes a shared responsibility and everyone in the development team can contribute, not only testers.

2. What makes a good automation test tool, and what is a bad one? Why?

In my opinion, I rely on the following criterias to evaluate an automation tool as good or not:

* Ease to use: Record and Playback is big advantage
* Ease of execution:
* Languages Support
* Support for Data Driven Testing
* Exception Handling
* Report
* Browser Support
* Support to various applications

Because the above criteria will help users easily handle the automation tool, and can intervene deep in the code to solve problems/issues encountered.