# **DP201 - Designing an Azure Data Platform Solution**

## Lab 6 – Designing for Efficiency and Operations

**Exercise 3**

**Task 1: Use automation to reduce effort and error**

Use the table below to list the options for automation languages and approaches

|  |  |
| --- | --- |
| # | Automation methods |
| 1 | Use ADO (Azure DevOps) for code management and apply CI/CD |

**What is the difference between imperative and declarative automation?**

|  |
| --- |
| In Imperative automation, users take full control over the steps which are necessary to achieve their final goal.  On the other hand, in declarative automation, the users only need to define the final state where they want their software to be at, and then the code automatically takes care of all the steps involved in the deployment. |