Practical 2

Software Testing and Quality Assurance

2CSDE80

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20BCE515

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AIM : To perform comparative analysis of software testing tools

Test Criteria	TestComplete	cypress.io	Katalon Studio	Selenium	Appium
Application Support	Web/Mobile/ Desktop	Web	Web/APl/ Mobile/ Desktop	Web	Mobile Android/ iOS
Support Platform	Windows	Windows/mac OS/ Linux	Windows/mac OS/ Linux	Windows/Mac OS	Windows/ macOS
Setup and Configuration	Easy	Coding Required	Easy	Coding Required	Coding Required
Scripting Mode	Supported	Supported	Supported	Supported	Supported
Pricing	It has 4 pricing edition starting from $2,256 to $7,901	Free version available. Team edition : $75/month Business : $300/month	Free version available. Paid version starting from $120/month.	Free	Free
Supported Language	Python, JavaScript, VBScript, JScript, Delphi, C++, C#	JavaScript	Java & Groovy	Java, C#, Python, JavaScript, Ruby, PHP, Perl	Java, C#, Python, JavaScript, Ruby, PHP, Perl
Advanced Test reporting	No	Yes	Yes	No	No

Test Criteria	Tricentis Tosca	Neoload	UFT	Watir	Ranorex
Application Support	Web/Mobile/ Desktop	Web/Mobile/ Desktop	Web/Mobile /Desktop	Web	Web/Mobile/ Desktop
Support Platform	Windows	Windows/Mac OS	Windows	Windows	Windows
Setup and Configuration	Easy	Easy	Coding Required	Easy	Easy
Scripting Mode	Supported	Supported	Supported	Supported	Supported
Pricing	Starts from $1000/user	Starts at $20,000 with 300 virtual users, billed annually	1 Year : $4,500 3 Months : $2,900 6 Months : $1,500	Free	Starts from $980 to $3,950
Supported Language	JavaScript	JavaScript/JAVA	VBScript	Ruby	C#/VB.Net/Tron/Python
Advanced Test reporting	Yes	Yes	No	Yes	No