Studio 1

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Self-Evaluation:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Need Help | Work in Progress | Pass | Credit | Distinction | ***High Distinction*** |

Tutor Evaluation:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Incomplete | Needs improvement | Pass | Credit | Distinction | High Distinction |

Task 1.1:

Answers: I have done this task

Screenshots:A screenshot of a cell phone

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{Link to code repository}

{References}

{URLs}:

https://drive.google.com/drive/u/1/folders/1EJm0eM0xhxAZXouHovffv0YsfZgxz1be

Task 1.2:

{Answers}

**A. five different IDEs:**

1. Microsoft Visual Studio

It is a premium IDE ranging in price from$699 - $2,900 depending on the edition and licensing. This series of software includes tons of tools for compatibility testing so that you can see how your apps run on more than 300 devices and browsers.

Language supported: ASP.NET, DHTML, JavaScript, JScript, Visual Basic, Visual C#, Visual C++, Visual F#, XAML and more

2. NetBeans

It is a free and open source IDE. It boasts a simple drag-and-drop interface that comes with a myriad of convenient project templates.

Language supported: C, C++, C++11, Fortan, HTML 5, Java, PHP and more

3. PyCharm

It is developed by the folks over at Jet Brains and provides users a free Community Edition. Comprehensive code assistance and analysis make PyCharm the best IDE for Python programmers of all ability levels

Language supported: AngularJS, Coffee Script, CSS, Cython, HTML, JavaScript, Node.js, Python, TypeScript and template languages

4. IntelliJ IDEA

It is another IDE developed by Jet Brains, which supports Java 8 and Java EE 7, comes with extensive tools to develop mobile apps and enterprise technologies for different platforms.

Language supported: AngularJS, CoffeeScript, CS, HTML, JavaScript, LESS, Node JS, PHP, Python, Ruby, Sass, TypeScript and more.

5. Eclipse

It is a free and flexible open source editor useful for beginners and pros alike. The Eclipse Marketplace Client gives users access to a treasure trove of plugins and information supplied by an expanding community of developers.

Language supported: C, C++, Java, Perl, PHP, Python, Ruby and more

{Screenshots}

**B. five core features of Visual Studio 2019**

1. Diagnostics Tools

Monitoring the performance in real time when running a project

A screenshot of a computer screen

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2. File hierarchy

A screenshot of a cell phone

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3. Debug

Place the breakpoint in the line to use debug tool

A screenshot of a social media post

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4. SQL

Use SQL in the software

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5. Split Screen

Can split the screen both horizontally and vertically

A screenshot of a computer

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{Link to code repository}

{References}

{URLs}

https://www.keycdn.com/blog/best-ide