TestOut 3.2.3

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Answer the following questions about the computing needs of your chosen vocation.

* + What do you primarily use a computing device for?
* Gaming, programming and recreation
  + Does this job require frequent traveling?
* Not necessarily, there are developers who travel but i can’t say that most do. So it really depends.
  + Approximately what percentage of your time do you work at the same desk?
* I’d say maybe about 30% of my time is spent on the computer desk,
  + What software applications do you need to install and use most frequently?
* Visual Studio Code
  + Do these applications demand high-end graphics capabilities?
* You need to have an “okay” computer to run it but no high-end wouldn’t be necessary.
  + How often do you need to keep multiple application windows open at the same time?
* Very often. Especially when working on projects with multiple files.

1. Which of the following computing devices would best address your needs?
   * High-end desktop computer system

-Yes

* + Basic desktop computer system

-Yes

* + High-end laptop computer system

-Yes

* + Economical laptop computer system

-No

* + Tablet (e.g. Apple iPad, Microsoft Surface Pro)

-No

* + Smartphone (e.g. Apple iPhone, Samsung Galaxy S)

-No

1. Write a one-page summary of your answers to the above questions.

My main uses for computers include gaming, programming, and recreational activities. This variety demands for a versatile computer that can handle different tasks efficiently. As for work as a developer it doesn’t automatically mean that I’d be traveling a lot. While there are developers who travel so my work largely depends on personal preference in this regard.

I play a variety of games and browse the internet like the average Joe but my main software application is Visual Studio Code for programming. An “okay” computer should be able to handle this but it would need adequate power and memory to smoothly handle large codebases and multiple projects. In my daily workflow I usually have multiple application windows open at the same time on different screens which means i'm going to need enough RAM and a multicore processor for smoother multitasking.

With that being said, both a high-end desktop and a high-end laptop would be ideal. These options would allow me the power to program, game and recreate ensuring efficient multitasking and handling of resource-intensive tasks. A basic computer could also work meeting essential requirements but it would be treated more as a “work computer”. Economical laptops, tablets and smartphones don’t quite meet my needs. They lack the performance capability and convenience for what I need to get done when it comes to programming as well.  
  
All in all the best computing setup for me would be one that balances robust performance with a degree of mobility, catering to my needs in programming while also accommodating my personal preferences. High-end desktops and laptops are my preferred choices, with basic desktop as a viable alternative for less demanding activities.