SmartAsset

**Front-End Development Task**

**Outline**

Create a simple page that looks as close to the designs attached as possible.

1. Your code should be **responsive** to provide desktop and mobile views.
2. Max-width of the sliders/inputs should be 640px (as in the image).
3. The “annual income” slider should have a range of 5,000 – 5,000,000 with the following steps:
   1. from 5,000 – 50,000 in increments of 5,000;
   2. from 50,000 to 500,000 increments of 50,000;
   3. from 500,000 to 2,000,000 in increments of 100,000;
   4. from 2,000,000 to 5,000,000 in increments of 500,000;
4. The blue “slider-handle” should not extend beyond the left and right-most margins of the “input box” above it
   1. i.e. at the lowest end of the range, the left-most edge of the slider handle must be aligned with the left-most edge of the input above it;
   2. and likewise for the highest end of the range, and the right-edge
5. The “$” sign in the “Annual income” input is part of the view (the user cannot edit or remove that)
6. Slider events (start, stop, and throttled “slide”) should be logged in the JavaScript “console”.
7. The “colored bar” on the white background area should display a $ value that is 5.3 times the income value (rounded to the nearest 1000).
8. The white arrow on this colored bar should move up and down the bar (from the lowest to the highest values of 27,000 to 10,600,000.
9. The $ value above the colored bar should never go beyond the leftmost and rightmost margins of the colored-bar.

**Objectives**

The aim of this task is to allow us to evaluate:

1. JavaScript, CSS and HTML code;
2. accuracy of implementation against designs provided and attention to details;
3. the selection of libraries (CSS, JS, etc);
4. cross-browser compatibility (the code delivered should work on IE9+, and latest versions of Chrome, Safari and Firefox browsers)

**NOTES**

1. There is no need to match fonts
2. Colors should match the image file attached