Create a website.

Create a box1 where I can input text.’

Indicate that = is a “keyword”.

Create a button named Ready that when clicked analyzes the text.

Group the words based on semicolons.

Create a class called activity with properties name and duration.

Analyze the string of each group in which equal separates the group. The left side of the group is the name and on the right is the duration in minutes, and stores these in an object. Do these for all groups, and stores these unnamed objects inside an array called Activities

Create a box2 where I can input text.

Indicate that the keywords start and ; are ” keywords”.

Create a button named Go that when clicked analyzes the text by taking note of the keywords start and ;. Strings that don’t fall into those are names of activities.

If no start and time is given at the beginning of the string and the ready button is clicked, then create a prompt telling the user it is necessary.

If there is, then starting analyzing the text.

First, divide the string into groups with ; as the separator.

Second, go through each group starting with the first group, If the group starts with the word start followed by time in the format of 00:00 (hours and minutes format) and an activity, then will indicate the time the activity will begin so add to a string called Schedule in the format of time followed by activity (07:00 brisk walk ).

For each of the groups, if a group is without the word start, determine the starting time by going through the Schedule format and looking for the last time format and activity, keeping the last activity and time in mind, go through the activities array and look the relevant activity’s duration, once the duration is found add it to the last activity’s time and now, you have the current activity’s starting time. Do these same with the rest.

Make sure to display the activities and schedule forms on the left side while the rest are place on the right side.

Make sure forms and display have a height of 30vh and overflow-y: scroll

Sample inputs for activities: quiet time= 30; brisk walk = 30; smoothie = 20; wash blender=15

Sample inputs for schedule: start 07:00 quiet time; brisk walk; smoothie; wash blender; wipe dishes;

|  |  |
| --- | --- |
| nonRecurringSalmonA = 20;  nonRecurringSalmonB = 30;  arrive = 0;  antiprocrastionation = 10;  breakfast = 30;  bath and others = 40;  brisk walk = 30;  cleanRoomA = 30;  cleanRoomB = 30;  clean wound = 30;  dinner = 30;  lunch = 30;  nap = 30;  prepare to leave = 20;  quiet time= 30;  studyA = 90;  studyB = 60;  studyC = 30;  smoothie = 40;  travel to IT = 30;  wash blender =15;  wash dishes = 30;  wash and wipe dishes breakfast = 30;  wipe dishes = 20; | start 07:00 smoothie; wash and wipe dishes breakfast; bath and others; breakfast; start 09:45 antiprocrastionation; studyA; antiprocrastionation ; studyC; start 12:00 lunch; wash dishes; nap; quiet time; antiprocrastionation; studyA; wipe dishes; clean wound; antiprocrastionation; studyB; dinner; wipe dishes; |