

## Week10-e-b.html

**Disclaimer: this EP calculator is fictitious and does not reflect how PB CSDI allocates EP!**

1. Write JavaScript functions to produce output as per requirements below
2. you are not required to write any CSS styling in the <style> element
3. Hiding and display of elements should be done using JS not CSS!
4. The uses of additional ID attributes are not allowed

When the page is first loaded in the browser:

### Enrichment Points Calculator

Level

select ▼

The level drop down has the following options

### Enrichment Points Calculator

Level

select ▼  
select  
international  
national

### EP POINTS ALLOCATION AND TEXT MESSAGES

international won trophy - 45 points

international participation - 25 points

club activities president - 15 points

club activities secretary - 10 points

club activities member - 5 points

local events organizer - 8 points

local events participant - 3 points

semester 1-3 <=32 points, You need to participate more!

semester 1-3 >=32 points, Good job!

semester 4-5 <=32 points, You need to be more active than before!

semester 4-5 >=32 points, Well done!

semester 6 <=32 points, please contact CSDI asap

semester 6 >=32 points, Reminder: You need 64 points to graduate

Assume user chooses international. The following screen is presented

**Enrichment Points Calculator**

Level

Achievement for International

# of participation

You are in semester

Enter achievement and semester

**Enrichment Points Calculator**

Level

Achievement for International

# of participation

You are in semester

EP: 90  
Good job!

Upon selecting the semester from the drop down, the total points will be calculated automatically and a text will appear below the EP points.

#### CHANGING EXISTING ACHIEVEMENT

Assume now user change from 'won trophy' to 'participant'

**Enrichment Points Calculator**

Level

Achievement for International

# of participation

You are in semester

1. The # of participation for the achievement reset to ZERO.
2. The drop down of the semester is reset to *select*
3. The previous EP total points and text message are not shown

User enter 2 for # of participation and chooses semester 6

**Enrichment Points Calculator**

Level

Achievement for International

# of participation

You are in semester

EP: 50  
Reminder: You need 64 points to graduate

While the screen is in this state

### Enrichment Points Calculator

Level international ▼ Reset form

Achievement for International participation ▼ # of participation 2 ⬆ ⬇ ⬆

You are in semester 6 ▼

EP: 50  
Reminder: You need 64 points to graduate

The user now changed the level to 'national'

### Enrichment Points Calculator

Level national ▼ Reset form

National Level - Choose type select ▼ # of participation

You are in semester select ▼

The national level drop down has the following options

### Enrichment Points Calculator

Level national ▼

National Level - Choose type select ▼

You are in semester select ▼

select  
select  
club activities  
local event  
both

### Choosing club activities

### Enrichment Points Calculator

Level national ▼ Reset form

National Level - Choose type club activities ▼ # of participation

club activities your role president ▼ 2 ⬆ ⬇ ⬆

You are in semester 6 ▼

EP: 30  
please contact CSDI asap

Similar to international, once role has been selected and # of participation has been specified, choosing the semester will display the total EP points and a text message

While the screen is in this state

### Enrichment Points Calculator

Level	<input type="text" value="national"/>	<input type="button" value="Reset form"/>
<b># of participation</b>		
National Level - Choose type	<input type="text" value="club activities"/>	
club activities your role	<input type="text" value="president"/>	<input type="text" value="2"/>
You are in semester	<input type="text" value="6"/>	
EP: 30 please contact CSDI asap		

User changes the 'club activities' to 'local events'

### Enrichment Points Calculator

Level	<input type="text" value="national"/>	<input type="button" value="Reset form"/>
<b># of participation</b>		
National Level - Choose type	<input type="text" value="local event"/>	
Local event role	<input type="text" value="select"/>	<input type="text" value="0"/>
You are in semester	<input type="text" value="select"/>	

1. The club activity's role is 'replaced' with local event role drop down
2. The # of participation is reset to ZERO
3. The semester drop down is reset to *select*
4. The EP total points and message are removed/cleared.

### Enter local event details

### Enrichment Points Calculator

Level	<input type="text" value="national"/>	<input type="button" value="Reset form"/>
<b># of participation</b>		
National Level - Choose type	<input type="text" value="local event"/>	
Local event role	<input type="text" value="participant"/>	<input type="text" value="3"/>
You are in semester	<input type="text" value="3"/>	
EP: 9 You need to participate more!		

Similar to international and club activities, once role has been selected and # of participation has been specified, choosing the semester will display the total EP points and a text message

## Choosing both (club activities &amp; local events)

## Enrichment Points Calculator

Level	<input type="text" value="national"/>	<input type="button" value="Reset form"/>
		# of participation
National Level - Choose type	<input type="text" value="both"/>	
club activities your role	<input type="text" value="select"/>	<input type="text" value="0"/>
Local event role	<input type="text" value="select"/>	<input type="text" value="0"/>
You are in semester	<input type="text" value="select"/>	

1. The club activity's role drop down is displayed and # of participation
2. The local event role drop down is displayed and # of participation
3. The semester drop down is displayed
4. All drop down in item #1-3 are reset to their original values

## Enter club activities and local event roles

## Enrichment Points Calculator

Level	<input type="text" value="national"/>	<input type="button" value="Reset form"/>
		# of participation
National Level - Choose type	<input type="text" value="both"/>	
club activities your role	<input type="text" value="president"/>	<input type="text" value="1"/>
Local event role	<input type="text" value="organizer"/>	<input type="text" value="1"/>
You are in semester	<input type="text" value="3"/>	
EP: 23		
You need to participate more!		

Assume now user change the level from national to international

## Enrichment Points Calculator

Level	<input type="text" value="international"/>	<input type="button" value="Reset form"/>
		# of participation
Achievement for International	<input type="text" value="select"/>	<input type="text" value="0"/>
You are in semester	<input type="text" value="select"/>	

1. The drop downs related to national level are now hidden and replace by drop down related to international
2. The drop down of the achievement is reset to *select*
3. The # of participation reset to ZERO
4. The drop down of the semester is reset to *select*

User enter values

### Enrichment Points Calculator

Level

international ▼

Reset form

# of participation

Achievement for International

won trophy ▼

3

You are in semester

6 ▼

EP: 135

Reminder: You need 64 points to graduate

### RESET FORM

### Enrichment Points Calculator

Level

select ▼

1. Clear all input – return to original states
2. The page will show the level drop down

User enter values

### Enrichment Points Calculator

Level

international ▼

Reset form

# of participation

Achievement for International

won trophy ▼

2

You are in semester

3 ▼

EP: 90

Good job!