Q9. A software has a 3-point value-based Function Point estimation as shown in Figure 5. [2+2+2+2]

- The adjustment factors of the 14 questions for a software application are: 5,1,0,4,3,5,4,3,4,4,2,3,4,2.
- The weight factor is **simple** if EQs < 8. The weight factor is **average** if EQs >= 8 and EQs <= 12. The weight factor is **complex** if EQs > 12.
- The average LOC per FP of technology used "C language" is 162.

Calculate effort, development time and average staffing using CoCoMo. Suppose the software is developed within a set of tight constraints.
Use Figure 1 for FP weights and Figure 2 for CoCoMo constants.

3 point value estimation			Sopt	Slikely	Spess		$
Number of user inputs			10	15	20	-	15
Number of user outputs			10	12	20	=	13
Number of user inquiries			5	9	13	-	9
Number of internal files			7	9	11	-	9
Number of external interfaces			5	7	9	-	7

Step 1: You have to compute the count-total which will be used to define the complexity of a project. You will do that by completing the table below:

Information Domain Type:	2		Choose: 1 for Simple; 2 for Average ; 3 for Complex				

Information Domain Values							
Measurement Parameter	Count		Simple	Average	Complex		Total
Number of user inputs	15	X	3	4	6	=	60
Number of user outputs	13	X	4	5	7	=	65
Number of user inquiries	9	X	3	4	6	=	36
Number of files	9	X	7	10	15	=	90
Number of external interfaces	7	X	5	7	10	=	49
Count= Total							300