001 -   1   2

1
10130
2
1012   3
202

Objective

.

Discussion

Change the value of the save/restore context time from 10, to 20, to 30ms. What do you Observe?

-

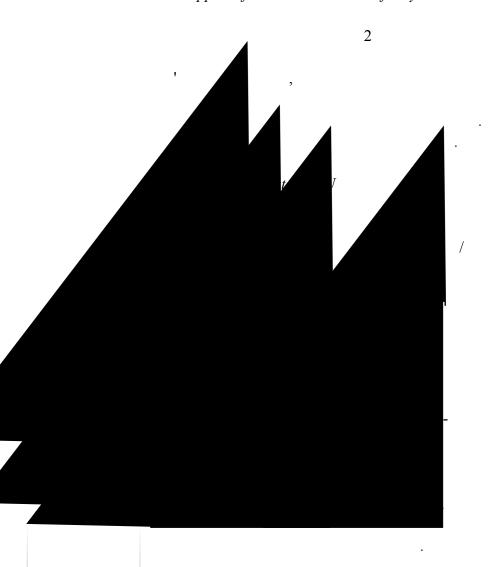.   ,
.

,
,
.

Vary the ISR activity time from between 40 and 200, what happens when the ISR execution takes too long?

,   -
-     .   100   ,

.   ,   ,
/   ,

.

Ask yourselves other interesting questions and try to answer them through simulations.
For instance: what happens if we have addresses of 4 bytes instead of 2? What if we have
a faster CPU

What happens if we have addresses of 4 bytes instead of 2.

2

Conclusion

.

,   .   ,

/   .   ,

.