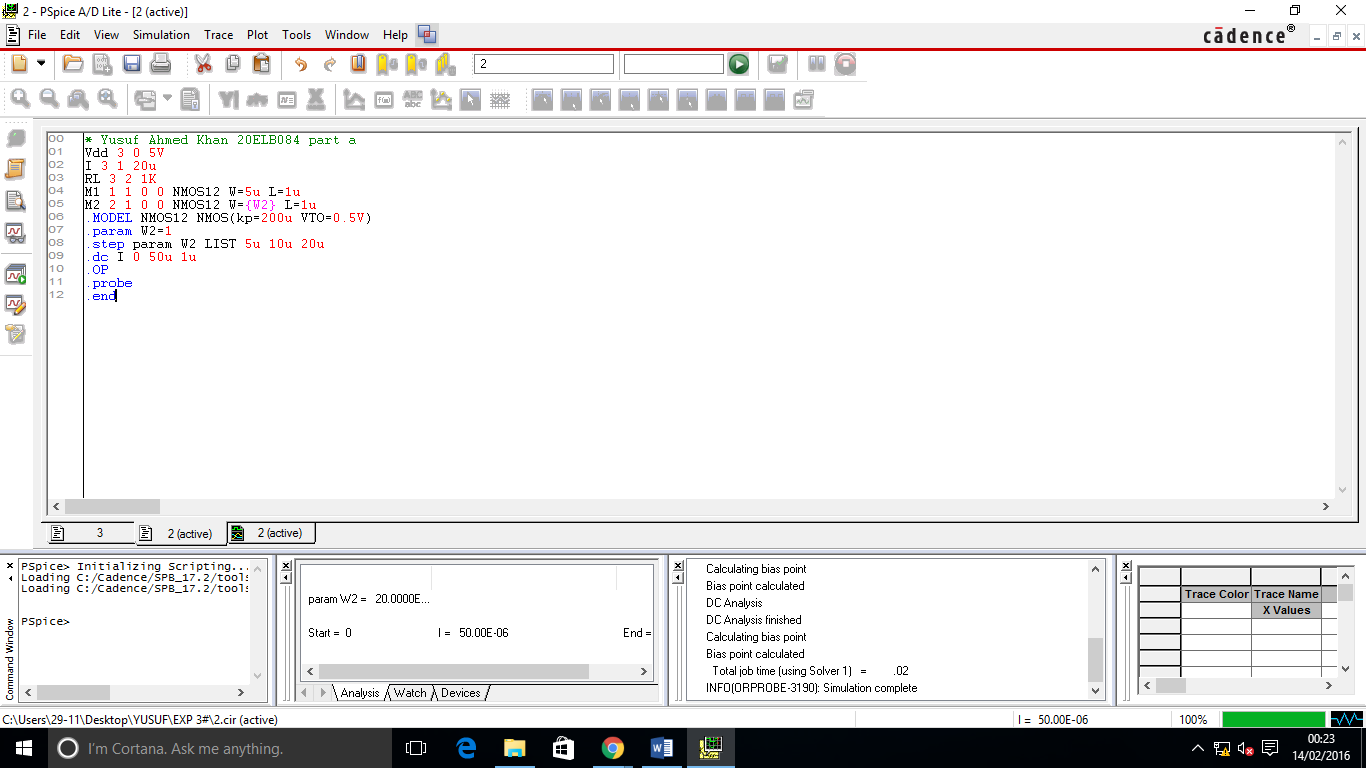
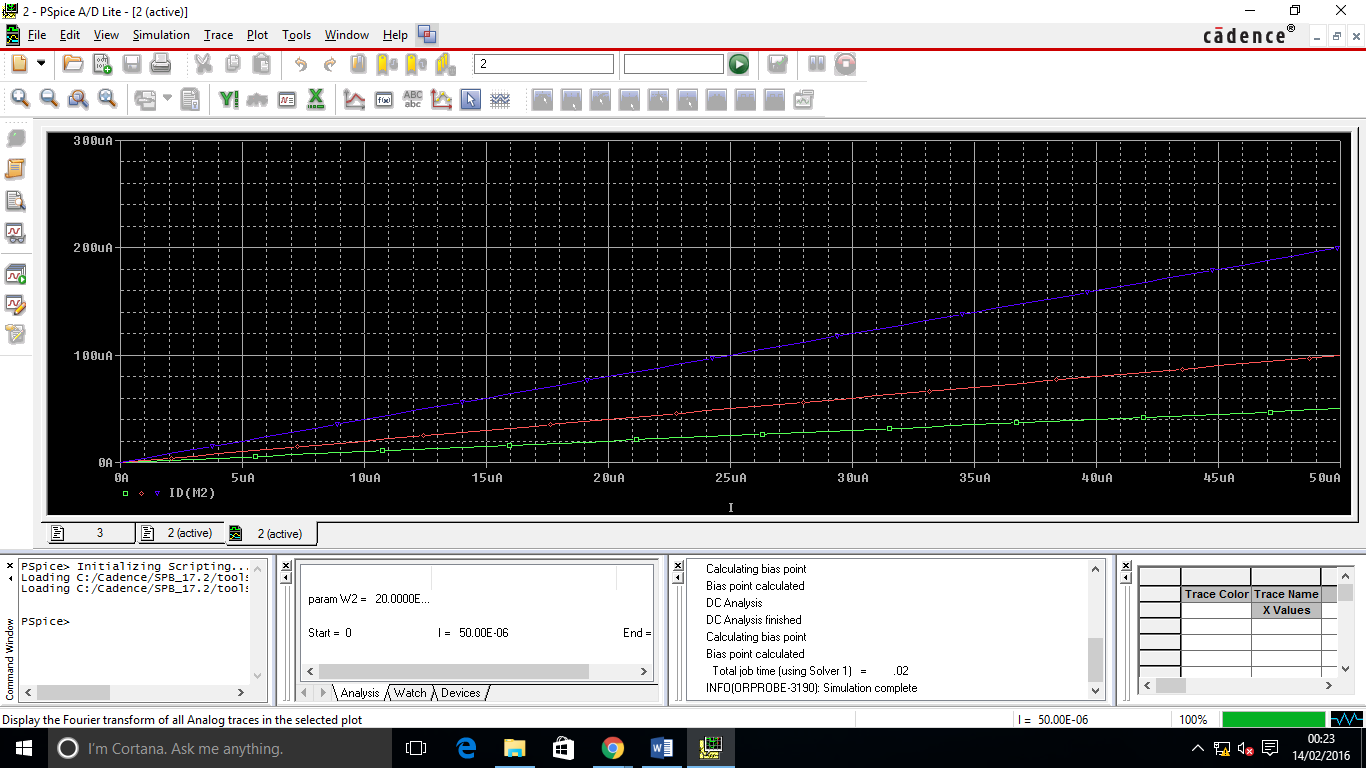
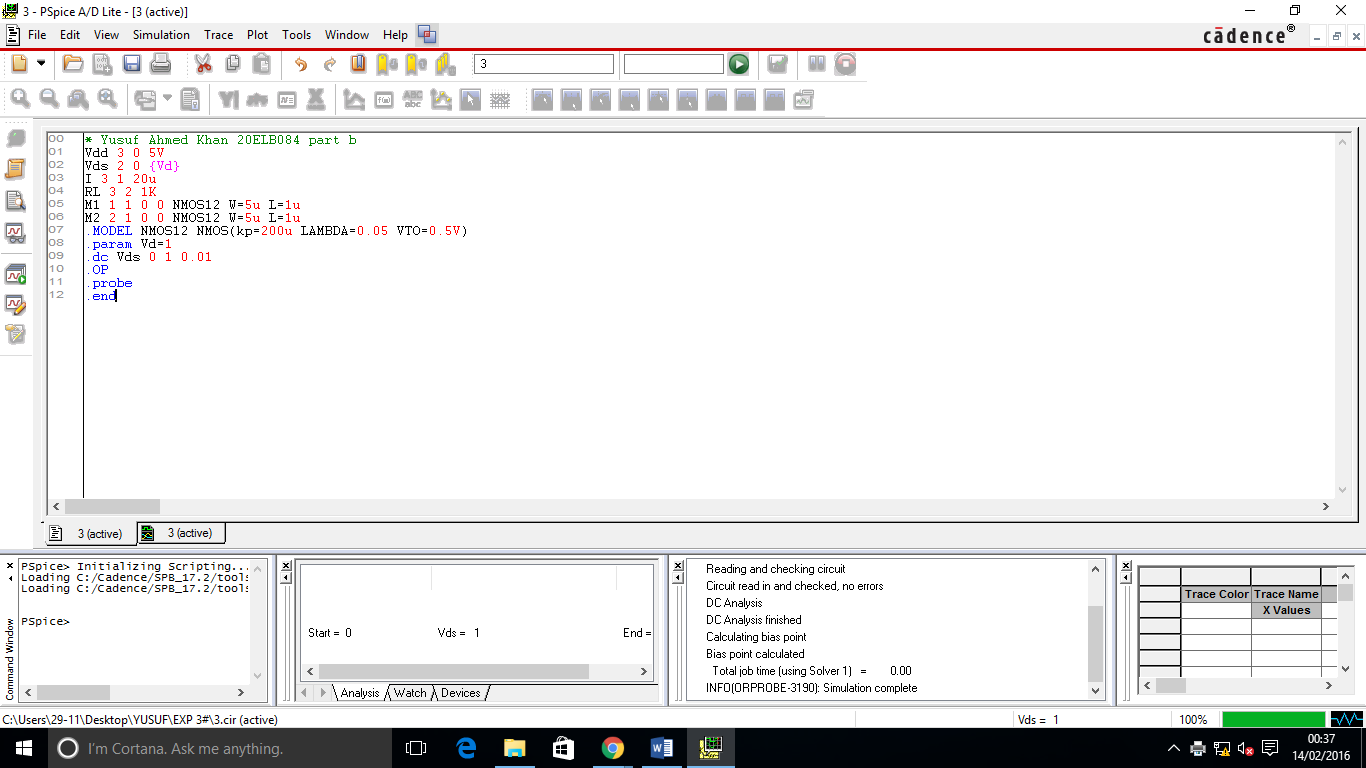
**Part(a)**

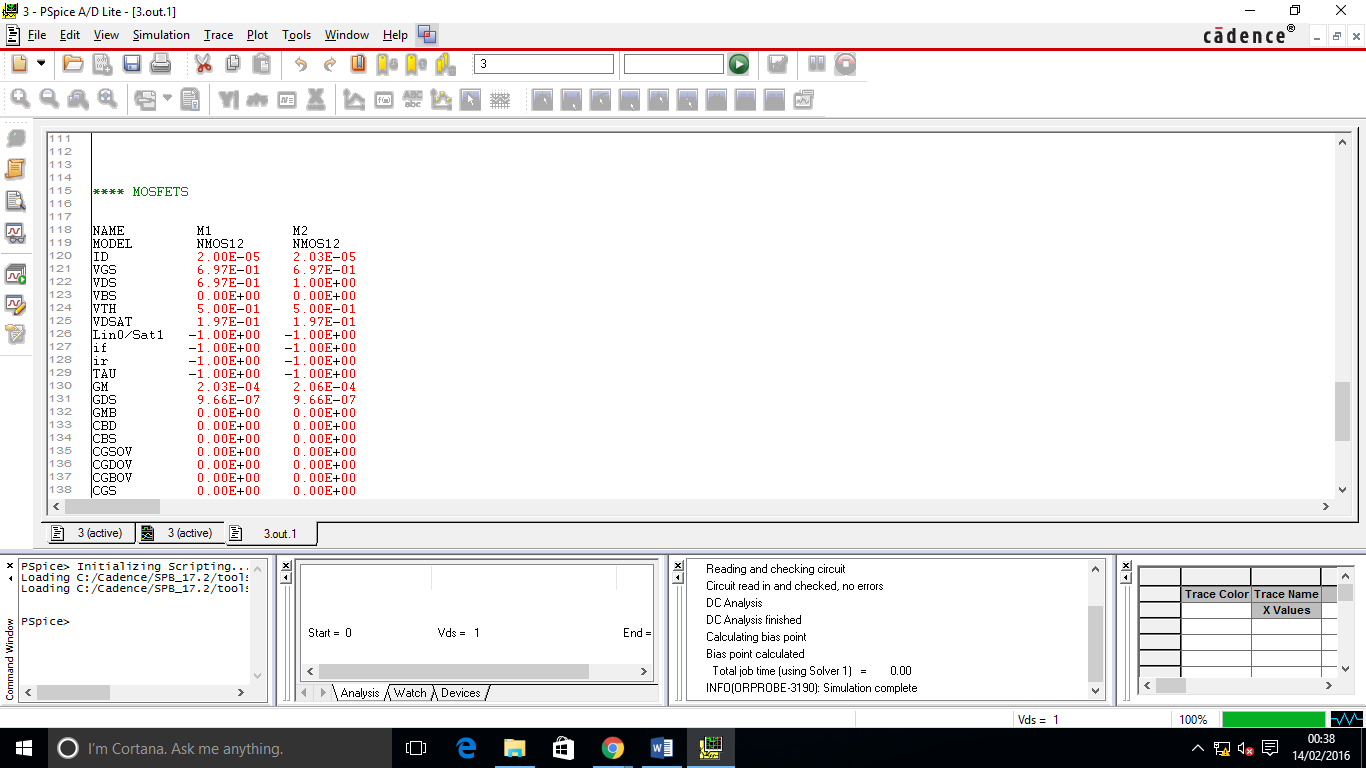




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**Part b**





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