**Assignment-1 answers**

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**1)**algorithm to cross the road:

* Check for a zebra crossing
* stand at the zebra crossing
* check left side of road for any vehicles
* check right side of road for any vehicles
* again check left side of the road for any vehicle
* start crossing the road carefully
* road crossed

**Flowchart:**

If vehicles are present

If no vehicles

Cross the road

Check for on coming vehicle on both sides

Check for zebra crossing and stand at crossing